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North Carolina Agricultural and Technical State University

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McElveen Gains On-The-Job Experience With Navy

By David Puryear

David McElveen thought he was only going to Connecticut last summer when his employer asked him to take a trip. But the A&T State University senior ended up instead inside a Russian submarine located in a far-off Egyptian port.

McElveen, 23, a mechanical engineering major at A&T, was participating in the university’s cooperative education program to gain on-the-job experience.

It was his employment with the U.S. Navy that landed him on a tightly-guarded Egyptian naval base. His job was to study the air conditioning system in a Russian nuclear-powered submarine.

As a civilian engineering employee at Mare Island Naval Base near Vallejo, Calif., McElveen was serving his second six-month assignment at the base’s air conditioning and refrigeration design division. Mare Island is a servicing point for America’s nuclear submarine fleet.

During those breaks from the books, McElveen learned a lot about keeping a submarine cool.

"I had a desk job, plus I had to be able to fix things," McElveen said. "I had to tell the mechanics what to do. I was a trouble shooting engineer."

So when his supervisors told him he had been selected to make a trip to Connecticut, McElveen at first figured there was an American sub on the east coast with some air conditioning troubles that needed shooting. His figuring turned out to be about 5,300 miles off.

"Everything started off that we were just supposed to be going to Connecticut for three days," McElveen recalled. "Then, they asked what you would be free to get our passport made. That sort of tipped us off. What were we going to need a passport for in Connecticut?"

When the Navy lifted the veil of secrecy, McElveen learned he needed a passport because he was among 28 civilian engineers from Mare Island, assigned to help the Egyptian navy figure out how to use their Russian submarines.

He was the only student who made the trip to an Egyptian naval base on the Mediterranean Sea, near Alexandria.

McElveen said that, the way he understands it, the Egyptians bought the submarines from the Russians, but didn't get all the information they needed to actually use the underwater craft.

"The Egyptians had a little fall-out with the Russians about oil, so the Russians wouldn't give them the plans that tell how deep their subs could dive," said McElveen.

Left in the lurch, the Egyptians turned to America for help.

The A&T student was assigned to calculate how much pressure the air conditioner seawater intakes would withstand. It was one of the crucial steps in the operation.

McElveen said there was little difference between the Russian sub and the American version he has seen.

"All air conditioning plants are about alike," he said. "Of course, they build their stuff, as we say, backwards. Where we put things on the right, they put things on the left.

The security surrounding McElveen’s journey was tight. He said that, while he saw plenty of the Russian’s air conditioning technology, his group got only a brief glimpse of the Soviet sub’s nuclear power plant.

His glimpse of Egypt itself was just as brief. "Once we got to Alexandria, they put us on a bus and took us to the American-run hotel on the naval base and made us stay there," said McElveen.

"They wouldn't let us go anywhere. They didn't want us looking around at all their stuff."

"It's the first time I'd ever done something like this," he said. "All I wanted to do was get my job done and get back home."

"What made me feel good about the whole thing was that here I am in college and they had faith in me to do something like this."

Razor Stabbing Injures Two

By Sheila Williams

and Larry L. Jenkins

At 12:45 a.m. in the parking area of Moore Gym, September 29, two victims were stabbed, according to a report from security officials.

Joseph Daughtry, acting director of campus security, stated, "The incident was not the fault of A&T students."

The stabbing occurred during a fight between John Palmer, 16, a non-resident student and a second assailant, another high school student. Milton Bivens, who presently was not enrolled at A&T, was standing near a door.

"Bivens then proceeded to pull Palmer out of the fight," said Larry Lewis, a security officer here at A&T.

A third assailant then stepped behind Bivens and cut him across the abdomen.

When asked if additional officers' help was needed, Lewis replied, "The crowd just showed up all of a sudden; it didn't seem necessary because the crowd wasn't unruly. The incident took about a minute's time," he stated.

Bivens received EMT (Emergency Medical Treatment) from Donald Lindsey, who works with the security officers. "The EMT made a difference between the losing of his intestines as well as his life," Lewis said.

Lindsey received this training during his spare time.

Palmer was rushed by an unknown friend for treatment of lacerations in the face, side and the back of his leg. Both victims are in satisfactory condition and are still in the hospital, according to campus security.

"The incident could have occurred anywhere, but the students have been cooperative with providing the information," Lewis stated. "Investigation is being continued, however, by the campus security.

Postal Center Functions To Handle Faculty Mail

By Michael Fairley

Each day a number of students visit the campus Postal Center with hopes of locating letters and packages from home which they have not returned home.

Benjamin Wilson, supervisor of the campus postal center, said, "We only handle a small percentage of student mail. Our main function is to distribute incoming and outgoing faculty and staff mail." Wilson stated.

Uninsured parcels with the student’s correct mailing address (See Students, Page 2) are sent directly to the student’s dormitory," said Wilson. "Insured parcels remain at the main post office and a notice is forwarded to the student," he continued.

"The Physical Plant handles special delivery mail. "It is open 24-hours a day, making it convenient for students to pick up their mail anything," he said.

Wilson said the biggest problem with student mail is the security issue.

The Role of Black Students in Black Studies Programs: Past, Present and Future, CCB Student Newspaper: A Critique, D)The Tenure Crisis: Black Faculty at White Institutions

The conference will provide the opportunity for interested persons to broaden their knowledge of the dynamics of the Black experience. The keynote speaker for the conference will be Hoyt Fuller, former editor of the "Black World" and present editor of "First World."

If there are any questions, contact Larry Springs, student coordinator, by calling 704/597-2372.

Black Studies Conference To Be Held In Charlotte

The North Carolina Conference on Black Studies will be hosting its Fifth Annual Conference at the Sheraton Center in Charlotte, North Carolina, October 12-13. This conference will bring together those persons who are genuinely concerned and dedicated to developing upgrading and maintaining programs in Black Studies. The theme of the conference will be "Black Studies in Transition: Scholarship, Leadership and Institutional Building."

Some of the topics of discussion will be A) Black Student Leadership Development; B) Black and White campuses.
Hall Receives Position As President Of OBS Organization

By Melvin Paige

Mark Hall was recently elected president of the Organization of Broadcast Students in Crosby Hall. Other officers elected were Aubrey Eastman, vice-president; Sharon Colson, treasurer; Pam Evans, secretary; and June Lewis, sergeant-at-arms.

Mark Hall, who anticipated his nomination, said, "My strongest asset is my ability to communicate on a level of comprehension with business associates in the broadcast field. I can only be as effective as my active supporters," he continued.

The OBS was formed last spring; but, because of a lack of student participation, the OBS was an inactive organization. The OBS is designed to bring broadcast students together as one body, to aid with problems, to sponsor activities and to provide an excellent program for broadcast majors, said Hall.

Gary Flanigan, the faculty advisor, said, "The OBS can only be what the students make it." Broadcast students and others who are interested are urged to join the OBS. Dues are $4 a semester.

Information concerning the next OBS meeting will be posted in Crosby Hall and at WNAA in Price Hall.

Students Fail To Notify Correspondents

(Continued From Page 1)

getting students to understand the importance of using a complete address.

"Students fail to inform correspondents of their new address once they change dorms or move off campus," said Wilson.

"Some students receive mail under their 'nick names' which are not included on the student roster provided by the computer center," added Wilson.

"We have no alternative but to return the mail to the sender," said Wilson.

Students can mail letters to persons on campus free of postage by placing the person's complete address on the envelope, but Greensboro must be replaced with the word 'campus'.

"Students residing in Kent Court and Holt Hall receive mail here because they do not have mail boxes," said Wilson.

"All mail is placed in students' dormitory boxes by postal carriers," Wilson said.

"In dorms with no boxes, the mail is left with counselors." Before 1967, all dormitory mail boxes were treated as private residential mail boxes. This law was revised after 1967 and carriers do not place mail in the boxes of dorms built after 1967. Zoe Barbee and Alex Hailey Halls were built after 1967 and are affected by this revision.
Study Habits Affect Grades

By Trudy Johnson

Who is the number-one boss on A&T's campus? The chancellor? Maybe. For the student, the "honcho" is the "4.0" average.

For the four-or-five-year major, study, it (the 4.0) is a rarity rather than an ordinary computation.

What did the valedictorian of 1978-79 have? A "3.967" grade point average. Close to perfection.

According to a Glamour research article, the pre-sleep studier gets better grades as a result of his study habits than someone who does the work afterwards.

Recent research into sleep and study habits shows that prior sleep to study disrupts the memory significantly unless considerable waking time is permitted before the material memorizing process.

The shorter the period of sleep that precedes that studying, the more the rest period interferes with one's remembering the material-not just for test time exclusively, but for life experience/teaching.

If you sleep for four hours (or less), memory is disrupted, whereas, if you sleep for six hours, (or more) (i.e. eight hours) sleep does not bother one from remembering the needed test material.

Alpha Chi Honor Society Proposes New Schedule

By Florina G. Byrd

The N.C. Theta Chapter of Alpha Chi Honor Society has proposed a tentative overall schedule for the school term 1979-80.

Virginia Green, president of the Society, stated that the major concern for this semester will be fall inductions in November.

"We intend to sponsor a community project to help the Sickle Cell Anemia Foundation through a paper or aluminum drive," said Green.

According to the history of Alpha Chi Honor Society, the purpose of the society is "to promote higher standards of scholarship among undergraduate students."

Green added that the society (See Society, Page 6)
Pope's Peace Pilgrimage

Pope John Paul II takes his peace pilgrimage around the country as he addresses the world about being stricken by a "moral sickness" that stalks society. He asked during a recent pilgrimage in Ireland why is it that so "many young people have already warped their consciences and have substituted the true joy of life with drugs, sex, alcohol, vandalism and the empty pursuit of mere material possessions." One of his pilgrimages is also to take place in Harlem in New York City.

It is very rare that the Pope would travel to foreign countries that are severely stricken with war, or that he would speak in such violent atmospheres. He is obviously desperately trying to somehow pull the world together to help us realize that, with harmony or togetherness, there is no need for discord.

There are several occurrences in the world that, if some sort of solution to the problems is not found, then we could end up killing ourselves without the aid of bombs or nuclear weapons.

The Pope's visits around the world should not be looked at as some kind of publicity stunt, but merely as someone who is doing his part in promoting world peace. Understanding what is going on around you only makes you more aware of your total responsibilities. This is what the Pope's pilgrimage is trying to accomplish.

Leading editorials are written by the editor of the A&T Register. Such editorials will not necessarily carry a byline and will not necessarily reflect the opinion of the University or the entire staff. Staff members are free to write dissenting opinions.

The System Is Not The Solution

Richard B. Steele

"The system is the solution" says the Bell systems television ad. Here at A&T, the system is not the solution. The malicious incident that occurred in Moore Gym last Friday night was totally uncalled for and could have been prevented. Furthermore, who was responsible for the admission of high school students?

Further, where does this lead the future of other organizations who wish to raise money via use of the gymnasium? In the rigamarole and red tape it takes to secure activities and a place to have them, it will be next to impossible to have a decent event without the overwhelming cost of security.

Our security forces, along with city forces, handled the situation in the usual bureaucratic manner. The fact remains that it happened. A dark cloud covers our campus. Tension had been soaring for days and now a tragedy has been blamed upon us although in essence no Aggies were involved.

In the future we should be more selective and screen community participation with age limitations and we could even go so far as to have metal detectors installed, rented as available for usage. However, no amount or degree can change what has already happened.

How can one explain to another's mother that her son has been involved in an incident ... The system is not the solution.

You Owe It To Yourself

By Florina Byrd

Students, those of you who will be receiving internships or some type of field experience pertaining to your chosen curriculum, have you asked yourself if this pre-knowledge and experience will help you in determining your career goal in life? The purpose of internships and field experience is to acquaint students with their chosen career objectives and prepare them for what their jobs will consist of after they graduate from college. For the students who will be attending graduate school, it is still very important that they should experience an internship or field work.

According to some internship guidelines, a student must have at least an overall grade-point average of 2.0 and at least a 2.5 grade-point average in his/her major courses.

Students, do you meet these requirements in order to become eligible? If not, you should take it upon yourself to make academic improvements in your courses, especially the major ones.

Whether you realize it or not, a good grade-point average and an internship play vital roles in determining the outcome of your success after graduation.

As career-minded individuals, you owe it to yourself to strive to become that successful college graduate who wants to "make it" in life.
Persons interested in submitting poetry for the Homecoming edition of the A&T Register are asked to do so no later than October 5 at the Register House.

The A&T Register will be taking pictures of all campus queens starting October 1 for the Homecoming edition. Times will be Monday, Wednesday and Friday from 9-12, and Tuesday and Thursday from 2-6.

Elections of Men’s Council Resident Queen will be Thursday, October 4, 8 p.m.-12 midnight in the Student Union Ballroom. There will be live entertainment. This will be an Elegantly Dressed Affair.

The Senior Class will meet Wednesday, October 3, in Graham Hall, 8:30 p.m., in Room IO4. All seniors are urged to attend.

The NAACP will hold its weekly meeting Thursday, October 4, at 7:30 p.m. in Room 100 of the Student Union. All interested persons are urged to attend.

Career Day Caters To Technicians

Editor of The Register:
If I were a student of Engineering, Business, Math, Science or most anything technical, I doubt seriously that I would not have enjoyed myself and received valuable information at the recent Career Activities Program. Excluding the sample bottle of “Agree” shampoo that was given to me by Proctor and Gamble, and the “Guide to Creating a Job-Getting Resume” that I received from Western Electric, in every other way the Career Activities Program “was a bust.”

For the student of English on September 26, a visit to Moore Gymnasium was a near complete waste. I recall a booth bearing a placard that read “Black Collegian,” but I recall no representative or propaganda. Nor did I see any other booths that bore even a slight semblance to a newspaper, magazine, etc., etc.

I know not (but am curious to find out) why the Placement Center apparently chose to organize this program in such a niggardly manner in favor of engineers, business persons, mathematicians, scientists and the like. The Placement Center has seemingly reneged on its duties to many of the students.

Hopefully, in the future, the Placement Center in planning its activities will include a segment of the student population that is important to the makeup of this university.

Also, we underlings, though the fault probably lies in our own stars what we are underlings in the eyes of the Placement Center, simply because our interests are elsewhere other than in area technical.

A concerned student
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- Mechanical Design
- Automated Test Equipment
- Manufacturing
- Project-oriented
- Manufacturing involving:
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  - Manufacturing
  - Schedule Commitments
  - Cost-Control/Budget
  - Development
  - Use of Real-Time
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**Interviewing on Campus**

October 17

If unable to interview at this time, send resume to: Ruth Lodowski/Texas Instruments/P. O. Box 226015, M.S. 222/Dallas, Texas 75266.

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**Aggiettes Compete Against Shaw, Winston-Salem**

By Denise Burke

A crowd of approximately 100 witnessed the Aggiettes compete against the Shaw University Bears and the Winston-Salem State Rams Thursday, September 27, in Moore Gym. Under the guidance of Coach Sue Kascher and assistant coach Alice Lyons, the Aggiettes have now boosted their record to 4-2. Their only losses have been on the road to UNC-Charlotte and Guilford College.

First year assistant coach Alice Lyons, who is a former volleyball player for the Aggiettes, said, "I would like to see our team be number one in Division 2. I love being the assistant coach, because this means I'm still exposed to volleyball, but it hurts knowing that I can't participate," she stated.

In the first match with Shaw, freshman Annette Yancey of Newark, Delaware, played good defense with precision spiking and blocking. Cheryl Deloney, a senior from Greensboro, aided the team with her excellent setting to defeat Shaw 15-4 in the first match.

Catherine Roseboro, a junior from Greensboro, boosted the spirited Aggiettes to a 15-2 win over Shaw with her powerful serving to win the match and game.

The Aggies of Winston-Salem State also suffered defeat by the Aggiettes. During the first half of the match, the Aggiettes were down 6-1, but came back to defeat the Rams 15-8 in the match. The Aggiettes went on to win the second match 15-3.

The Aggiettes played the Bennett Belles, Monday, October 1.

The next game will be Wednesday, October 3 against Greensboro College and Winston-Salem State on the campus of Greensboro College at 6:30 p.m.

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**Pan-Hellenic Program**

**To Inform Students**

By Ruth King

On Thursday, October 4, at 6:30 p.m., the Pan-Hellenic Council will host a program to inform all students about the function and purpose of this organization. The program will be held in Harrison Auditorium along with the coronation for Miss Pan-Hellenic Council.

A majority of the students know little as to how the sororities and fraternities function and what their purpose is for becoming a member of a sorority or fraternity. When a student is questioned as to what a Greek organization is, he can only say that it is an organization with Greek letters or step shows. Some students see all organizations as being Greek, but there is a great difference. There is also more to these organizations than just "stepping.

The various Greek Organizations unite within one body. Even though each Greek organization has its own identity, they do have the respect for each fellow Greek, and they also participate in many services on A&T's campus.

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**A&T Aggies Defeat J.C. Smith**

By Raymond Moody

It was another frustrating night offensively for N.C. A&T Saturday as they fumbled four times and were penalized seven times but, nevertheless, played well enough to defeat the Johnson C. Smith Bulls 23-7.

Luckily for head coach Jim McKinley, his Aggies played a young, inexperienced, rebuilding team. The Aggies entered the contest as heavy favorites, but the J.C. Smith defense came to play and the Aggie offense continued to struggle. Nullify two fatal turnovers by Smith and a Lon Harris kick return, A&T would have been in a much closer game.

Smith's first turnover appeared early in the game. On the first play from scrimmage, tailback Jeffrey Steele fumbled and the Aggies' Frankie Chesonsson recovered at the Smith 25. Two plays later Roland Myers showed why he was junior college "Player of the Year" in California, sprinting 19 yards untouched for a touchdown.

The touchdown run by Myers looked so easy, it appeared A&T's offense could score at will on the Bulls. But the Bull defense had other (See Smith, Page 7)
A&T whipped an inexperienced but tough J.C. Smith was a mere 30 yards. In the third quarter A&T McKinley should be somewhat concerned about his offense. A&T’s longest touchdown-scoring drive was a mere 30 yards. In the third quarter A&T started on its 20-yard line and drove down to Smith’s 12, but eventually settled for the field goal. Rodney Williams caught a fourth-quarter pass, broke one tackle and ran to the Smith five-yard line. Again the Aggies failed to reach the goal line, running four plays for a total of four yards.

Fumbles plagued the Aggies again. A&T turned the ball over four times Saturday. In the last three games, A&T has fumbled fifteen times. The Aggies were also penalized seven times for 74 yards, but penalties weren’t a major factor. Still these mistakes must be minimized if the Aggies expect to be successful. Next week the Aggies play Norfolk State in Norfolk. If our offense continues to sputter, look for them to be in big trouble because the Spartans are tough, especially in Norfolk.

Offensively, the Aggies were led by Cliff Maxwell’s 62 yards. Maxwell started ahead of an injured Charlie Sutton, who played sporadically, gaining 35 yards. Also picking up yardage on the ground was QB Roland Myers, who gained 57 yards in nine carries.

Myers really showed his quickness in the first quarter, when on third down the Aggies dropped back to pass, then quickly shot through the line scoring on a 19-yard touchdown run.

Lon Harris’ 35 yard kick return set up the Aggies’ second touchdown. Harris had been held pretty much in check before Saturday’s game, but now maybe Lon’s back in the groove.

Defensively, linebackers Dennis Coot and Frankie Chesson had impressive games. Chesson recovered the fumble which set up A&T’s first touchdown. Late in the third quarter, J.C. Smith drove to the Aggie 10, only to be sacked twice consecutively by Coot and Chesson, then Coot, defensive end James Williams and defensive tackle Leon Byrd. Byrd and Williams earlier tackled Smith’s quarterback in the end zone for a safety. So A&T’s defensive unit scored eight of the Aggies’ 23 points. Congratulations, defense.

In other MEAC action, the S.C. State Bulldogs were defeated 20-9 by Alcorn State. Also, Delaware State defeated Md. E-Shore, Florida A&M won by eight over Howard and Morgan State.

Smith Defense

"Lonnie" Harris, doing what he does best!

Tightens, Forces A&T Punt

(Continued From Page 6)

J.C. Smith’s only touchdown was set up by Wayman Pitts’ fumble to open the second half. The Bulls recovered on the Aggie 10. After an offside penalty against A&T, Smith’s Bobby Tillman scored, closing the Aggies’ lead to seven, 14-7. A&T’s offense, which netted 291 yards in total offense against the Bulls, felt the pressure of possibly being upset. But Roland Myers had the solution.

On A&T’s next possession, Roland Myers connected on a 30-yard pass to Frank Carr. The Aggies drove to Smith’s 12 before stalling. Keith James appeared and kicked a 31-yard field goal, extending their lead to ten, 17-7. A&T’s final score came when Smith’s quarterback panicked and threw a pass up for grabs. Defensive tackle Randall Ponder, substituting for the injured Ulysses Thompson, intercepted and scored from 19 yards out, making the final score 23-7. Cliff Maxwell and Roland Myers led A&T’s ground attack, gaining 62 and 57 yards, respectively. Myers also completed 5 of 10 passes totaling 120 yards.

Next Saturday the Aggies travel to Norfolk, Virginia, to meet the undefeated Norfolk State Spartans.

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You're a software applications specialist.
When you picked this career, you never dreamed that one day you'd rendezvous in Barcelona, Spain with two Navy destroyers. But when your company is Texas Instruments and one of your customers is the U.S. Sixth Fleet, you learn to expect the unexpected.
The destroyers are equipped with TI computers and they need new software fast. You come aboard and sail with the Fleet until your job is completed.
Not a bad assignment for a software specialist named Susie. You're glad you got into technology.

The Incredible Talking Chip.
You're an integrated circuit designer at TI. You've helped find a way to make a chip talk, something no integrated circuit has ever done before.
First application: an electronic aid that helps children learn to spell. The world's first talking textbook.
And that's just the beginning.
The talking chip's potential is mind-bending. You're glad you got into technology.

The Joy Of Complication.
You're in semiconductor design at TI. You love it when people at parties ask you what you do. You say, "I make things complicated." (Pause.) "In fact, I got promoted recently for creating some major complications!" What you mean (but seldom explain) is this: the more active element groups (AEGs) you can put on a single chip of silicon, the more average AEG cost goes down.
In short, you make things cheaper by making them more complicated.
Your work made it possible for a TI consumer product that sold three years ago for about $70 to sell today for $14.65.
Your future looks wonderfully complicated. You're at about 100,000 AEGs per chip now and 1,000,000 is in sight.
You're glad you got into technology.

Outsmarting Smog.
You've always designed airborne radars for TI customers.
Now, suddenly you know your next radar design is going to stay at the airport.
On the ground.
It's on the ground that traffic controllers at Los Angeles International Airport have a problem. They can "see" incoming and outgoing airplanes on their radar just fine, so long as the airplanes are in the air.
But when the airplanes are on the ground—touching down, taking off, taxiing, parking—they are sometimes impossible to see and control. Ground smog obscures them.
You believe you have an answer to the smog problem. You dig out the plans for an airborne ground-mapping radar you helped design. You adapt the design so the L.A. controllers can use it to see through smog. It works beautifully.
Today your smog-piercing radar is widely known as Airport Surface Detection Equipment (ASDE). It's standard equipment at L.A. International and at the airport in Geneva, Switzerland. Other airports with smog and snow problems are expected to have it soon.
You're glad you're in technology.

Oil Sleuths International.
You're a geophysicist. A good one.
You could be with any of the big oil companies. But you wanted to get with a company whose specialty is the same as yours: Exploration. That's why you're at TI, in Geophysical Service.
TI explorer ships, TI photo-geologic aircraft and TI truck-tractor-mounted vibrators are working all over the world.
They're finding oil. And they're identifying areas where no oil exists, thereby saving huge losses in drilling costs.
Also, TI's worldwide computer network and its Advanced Scientific Computer is making 3-D recording and processing possible. This exclusive exploration technique is the only practical way to unscramble "no-record" areas on land and sea.
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You're glad you got into technology.

If you're not in technology yet, think it over.
If you are in technology, talk to Texas Instruments.

Campus Interviews
Oct. 17

Send for the 34-page picture story of TI people and places.

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