

Management Information Systems/Information Technology and Engineering

Lynnetta Eyachabbe – Technology Strategist
for the College of Engineering

Lisa Morales – Director of Diversity and
Inclusion Programs for the College of
Engineering



Oklahoma Science, Technology, Engineering, & Mathematics Mentorship Program

- OSTEMMP is an educational outreach connecting networking professionals from OU, OneNet, and other institutions with students in the technology field
- It is part of an NSF grant to enhance Oklahoma's educational and research capability through network improvements
- The goal: **identify, develop, and recruit talent**
- Activities include:
 - Presentations to students throughout OK
 - Job shadowing opportunities (on-site & virtual)



College of Engineering

 ou.edu/ouit

 needhelp@ou.edu

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INFORMATION
TECHNOLOGY



 College of Engineering

About Me – Wife and Mother of 2 Boys



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INFORMATION
TECHNOLOGY

INFORMATION TECHNOLOGY

- **Technology** – the use of science in industry, engineering, etc., to invent useful things or to solve problems
- **Full** – the practical application of knowledge especially in a particular area
- **Information Technology:** The technology involving the development, maintenance, and use of computer systems, software, and networks for the processing and distribution of data



MIS – Management Information Systems

- Application of Information Technology to solve business problems
- Be able to leverage Information Technology in innovative ways to meet organizational needs
- Understand people and processes are just as important as understanding technology

My Story

- ❖ Graduated SHS 1996
- ❖ Computers & Math at OU – Math Major
- ❖ Discovered MIS Major
- ❖ Graduated OU in 2001
- ❖ Tinker AFB – Software Engineer
- ❖ OU IT - 2007



Need Help? Call 325-HELP
Follow Us

WHY IT?

- ❑ Something That Is Always Needed!
- ❑ Any Field You Have A Passion To Work In
- ❑ Learning About New Ideas/Technology Constantly
- ❑ Good Pay
- ❑ Many Job Opportunities
- ❑ No Set Title



Pixar



cast

flik	dave foley
hopper	kevin spacey
atta	julia louis-dreyfus
dot	hayden panettiere
queen	phyllis diller
molt	richard kind
slim	david hyde pierce
heimlich	joe ranft
francis	denis leary
manny	jonathan harris
gypsy	madeline kahn
rosie	bonnie hunt

information systems

information systems director	greg brandeau
information systems managers	duncan keefe michael o'brien
systems administrators & support	
neftali "el magnifico" alvarez	nathan ardaiz
george bagtas	adam beeman
bryan bird	lars r. damerow
erik forman	patrick guenette
alisa gilden	warren hays
jason hendrix	ling hsu
ken huey	jason "jayfish" hull
peter kaldis	john hee soo lee
jeff "heffe" millhollen	gregory yong paik
kristina perez	anne dia



Pixar

production support craig koid
tom lokovic

software engineers
maneesh agrawala dana batali
phil beffrey sam "penguin" black
reid gershbein david laur
dan lyke daniel mccoey
shaun oborn matt pharr
brian m. rosen mark vandewettering
eric veach

camera

camera manager james burgess
photoscience manager david difrancesco
camera supervisor louis rivera
camera software hunter kelley

sonal sophia stella theany

computer systems for final rendering
sun microsystems, inc.

interactive computer workstations silicon graphics, inc.
3-d modeling software alias research, inc.
2-d paint software interactive effects, inc.
network equipment cisco systems
digital disk recorders sierra design labs
modeling and animation software marionette
rendered by renderman
processing by monaco labs
prints by technicolor[®]
produced and distributed on eastman film

No. 36295

THIS PICTURE MADE UNDER
THE JURISDICTION OF



Current Opportunities



The screenshot shows the Pixar website's career page. At the top, there are navigation links for 'Feature Films', 'Short Films', 'Behind the Scenes', 'RenderMan', 'Careers', and 'About'. The main heading is 'Pixar Career Opportunities: All Positions'. Below this, a text block states 'Pixar is currently looking to fill these positions:'. A table lists 11 job openings with their respective IDs and locations.

Position	ID	Location
Senior Unix Admin	734	Emeryville
Film Finance Lead	903	Emeryville
Technical Director, Effects	882	Emeryville
HR Coordinator - Benefits and Wellness	910	Emeryville
On Call Cafe Host	871	Emeryville
Technical Director, Crowds	904	Emeryville
Render Pipeline Developer	856	Emeryville
Infrastructure Engineer	912	Emeryville
Executive Assistant	876	Emeryville
Line Cook	913	Emeryville
Software Engineer, USD	917	Emeryville



Athletics

ESPN: The Worldwide Leader In Sports

GET MORE THAN TICKETS WITH YOUR TICKETS.

WHAT YOU SEE IS WHAT YOU PAY

May The Best Man Win

Novak Djokovic is the No. 1 player in the world. Rafael Nadal is the hottest player on the planet. What else do you need in a US Open final? Howard Bryant • Who wins? • CourtCast & chat

ESPN Fantasy Games

PRIMETIME

WATCH FOOTBALL WITH STEAK CRACK WEEK.

DAVE TOLLEY

Top hitting takeaway from NFL Week 1.

UPON CLOSER EXAMINATION

MLB Power Rankings: Kim • Greenwald and Bill's Dad: B.S. Report •

JIM CAPLE

Writing is not the only sport that deserves a replay from the IOC.

STREAK 'N' CASH

Predict the Winners. Build a Streak. Win the Cash!

VIDEO: HAVE YOU SEEN?

Game Plan For RG III

Vick: 'It's Going To Be Fast' (1:29)

Wayweather Jr. Comp (1:36)

Suh Facing Discipline (1:36)

Top 25 Breakdown (4:22)

NASCAR

NBA

NFLNATION

X GAMES

SOCCER

MUST SEE

SPORTS ACTION

ESPN FEEDBACK

MORE SPORTS

SCORES

FANTASY

VIDEO

TOOLS

TV LISTINGS

ESPN.com: Help | Press | Advertise on ESPN.com | Sales Media Kit | Interest-Based Ads | Report a Bug | Corrections | Contact Us | Site Map | Jobs at ESPN | Go.com

Jobs and careers at ESPN

Search by Location

Select Location

Search by Category

Select Category

Search by Keyword

Editing

Engineering

Fantasy Sports

Featured

Finance/Accounting

Graphic Design

Human Resources

Information Technology

Java

Marketing \ Promotions

Mobile

HOME OF THE ESPN API

Where sports and code live in harmony

REGISTER

BROWSE

BUILD

LATEST API NEWS

APP SHOWCASE

WE'RE HIRING

ESPN Now API

SPORTS + TECH = DREAM JOB

Most Popular FAQs

POPULAR DATA

QUICK LINKS

IHS

U.S. Department of Health and Human Services
Indian Health Service
The Federal Health Program for American Indians and Alaska Natives

Search for Jobs
Advanced Search
View All Job Postings
Frequently Asked Questions
Support Documents
Questions or Comments: Contact the Site Administrator

IHS Jobs - Advanced Job Search

Enter One or More Search Options

Enter a Job Title:

Occupation:

Select a State:

Announcement Number:

Search For Jobs | Reset

Search For Announcement Number

USAJOBS

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Accessibility - Disclaimer - FAQs - Website Privacy Policy - Plain Writing Act - Freedom of Information Act - HIPAA - No FEAR - Glossary - Contact

Indian Health Service (HQ) - The Hayes Building, 801 Thompson Avenue, Ste. 400 - Rockville, MD 20852

Job Series List:

- Civil Engineering Series - 610
- Civilian Pay Series - 544
- Claims Clerical Series - 998
- Clerk-Typist Series - 322
- Coding Series - 357
- Computer Clerk and Assistant Series - 335
- Computer Operation Series - 332
- Construction Control Technical Series - 809
- Contact Representative Series - 962
- Contracting Series - 1102
- Cooking - 7404

U.S. Department of Health and Human Services
Indian Health Service
The Federal Health Program for American Indians and Alaska Natives

Search for Jobs
Advanced Search
View All Job Postings
Frequently Asked Questions
Support Documents
Questions or Comments: Contact the Site Administrator

IHS Jobs - Advanced Job Search

Enter One or More Search Options

Enter a Job Title:

Occupation:

Select a State:

Announcement Number:

Search For Jobs | Reset

Search For Announcement Number

USAJOBS

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Indian Health Service (HQ) - The Hayes Building, 801 Thompson Avenue, Ste. 400 - Rockville, MD 20852

Job Series List:

- Industrial Hygiene Series - 690
- Information Receptionist Series - 304
- Information Technology Management Series - 2210
- Inventory Management Series - 2010
- Kinesiotherapy Series - 635
- Laboring - 3502
- Language Clerical Series - 1046
- Laundry Working - 7305
- Mail and File Series - 305
- Maintenance Mechanic - 4749
- Management and Program Analysis Series - 343



Tribal Worker

4:32 PM 82%

www.muscogeenation-nsn.gov/Pages/Employ

Muscogee (Creek) Nation Football - Roster - Oklahoma Sooners

Muscogee (Creek) Nation official website

Home About Us Media Archives Events Departments Quick Links

Job Opportunities

An application must be completed to apply. Applications will be kept on file for a period of six (6) months.

- [Accounting Assistant - College of the Muscogee Nation](#)
- [Case Aide - Human Services - Social Services](#)
- [Child Treatment Worker - State - Children & Family Services Administration \(CFSA\)](#)
- [Construction Engineer - Tribal Construction Services](#)
- [Cook - Child Development Center - Eufaula](#)
- [Cook Aide \(Regular/Part-Time\) - Elderly Nutrition Program \(ENP\) - Okemah](#)
- [Executive Director - Community Development Financial Institution \(CDFI\) and Muskoke Loan Fund](#)
- [Grill Attendant - Fountainhead](#)
- [Information Technology Manager - Office of Public Gaming](#)
- [Information Technology Analyst - Office of Public Gaming](#)
- [Master Teacher - Office of Child Care](#)
- [Police Officer - Lighthorse](#)
- [Regulatory Agent-Office of Public Gaming](#)
- [Resource and Referral Specialist II - Office of Child Care](#)
- [Service Cook - Elderly Nutrition Program \(ENP\)](#)

4:33 PM 82%

www.muscogeenation-nsn.gov/Pages/Employ

Football - Roster - Oklahoma Sooners

Personnel Services - P.O. Box 580 - Okmulgee, OK 74447 - (918) 732-7827

JOB OPPORTUNITY

JOB TITLE: INFORMATION TECHNOLOGY MANAGER

SALARY RANGE: STARTING \$64,854- NEGOTIABLE

LOCATION: MUSCOGEE (CREEK) NATION OFFICE OF PUBLIC GAMING

JOB DUTIES: Under the supervision of the Gaming Executive Director, the Information Technology Manager is responsible for the direction and training of their team members, serves as contact for all related IT matters. Will evaluate, plan and implement new projects as designated by the Gaming Commissioner. Will reevaluate existing IT infrastructure, policies and procedures of preformation limitations and propose improvements. The IT Manager will support OPG in the audit and compliance evaluation of MCN casinos and IT operations and advice Gaming Commissioner of IT issues. Willing to work nights and weekends, must have dependable transportation and insurance, Valid Oklahoma Driver's License and good communication skills. Other duties assigned.

JOB QUALIFICATIONS: *Minimum requirements:* High School diploma or equivalent. Knowledge of hardware, software and operating systems. Must submit to and pass all background checks and drug testing by the National Indian Gaming Commission.

Preferred requirements: Bachelor's degree in related field with 3 to 5 years of experience. Extensive experience of computers and servers.

***COMPLETED EMPLOYMENT APPLICATION IS REQUIRED INDIAN PREFERENCE**

CLOSING DATE: OPEN UNTIL FILLED

SEND APPLICATIONS TO: Muscogee (Creek) Nation Personnel Services
P.O. Box 580
Okmulgee, OK 74447
Fax: (918) 756-2284
PERSONNEL@MCN-NSN-GOV
www.muscogeenation-nsn.gov

Any Field

ESTÉE LAUDER

English

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Checkout: 0 Items

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Rapid-Clearing Purifying Mask
Adaptol retinonol
multi-action/Mengoi parfume

iPad 4:46 PM 79%

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Hiring FAQs

Current Openings

Job Category

- Customer Service
- Distribution / Warehouse
- Education / Training
- Environmental Health & Safety
- Finance & Accounting
- Human Resources
- Information Technology
- Inventory Management / Logistics
- Legal
- Manufacturing / Operations / Packaging

Job Field: All

Add Job Field

Country: Zip/Postal Code

Distance from Zip/Postal Code

Brand: All

Search for Jobs Clear RSS

Search Results (264 jobs found)

Results per page

Candidate Profile

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Job Category

- Customer Service
- Distribution / Warehouse
- Education / Training
- Environmental Health & Safety
- Finance & Accounting
- Human Resources
- Information Technology
- Inventory Management / Logistics
- Legal
- Manufacturing / Operations / Packaging

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OUR CULTURE
JOINING OUR COMPANY
APPLY FOR A JOB
Hiring FAQs
Current Openings

Interest current supply

We invite you to explore our research and development to

My Job Cart | Sign In

Hide Search Criteria | Save this Search

Search Tips
You can search jobs by selecting relevant criteria in the drop-down menus. You can also use a job number or a keyword.

Multiple selections
You can search for jobs in more than one job field, location and organization. After selecting a value in one of these fields, click "Add..." and make another selection.

Advanced job search
To perform a job search using advanced search criteria, click the "Advanced Search" tab and select the relevant criteria.

Job Field
All

Add Job Field

Zip/Postal Code Radius Location

Country Zip/Postal Code
Select one...

Distance from Zip/Postal Code
Select one...

Miles Kilometers

To view a list of relevant site criteria, select a country and a zip/postal code, then specify a distance. The system will display a list of sites available within the selected distance.

Brand
Brand
All

Add Brand

Search for Jobs Clear RSS

Search Results (264 jobs found)

Results per page

Candidate Profile
Take a few minutes to create or

4:48 PM 79%

www.elcompanies.com/Pages/Current-Openin... Search

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Greenway Plaza - 145 145 Pinelawn Road Melville 11747
Apply | Add to My Job Cart | SHARE

Enterprise Support Analyst Full-time
Job Posting: Sep 6, 2013
Requisition ID - 130802
Estée Lauder Companies Corporate Departments
Americas-United States-New York, Americas-United States-New York
Greenway Plaza - 145 145 Pinelawn Road Melville 11747
Apply | Add to My Job Cart | SHARE

Legal Hold Analyst (GIS - Risk Mitigation) Full-time
Job Posting: Aug 21, 2013
Requisition ID - 130954
Estée Lauder Companies Corporate Departments
Americas-United States-New York
Greenway Plaza - 145 145 Pinelawn Road Melville 11747
Apply | Add to My Job Cart | SHARE

Mgr, Business Analyst - Demand Planning Full-time
Job Posting: Aug 30, 2013
Requisition ID - 131056
Estée Lauder Companies Corporate Departments
Americas-United States-New York
Research Park (RP) 125 Pinelawn Road Melville 11747-3135
Apply | Add to My Job Cart | SHARE

Project Lead for Business Intelligence and Master Data Full-time
Job Posting: Aug 21, 2013
Requisition ID - 130798
Estée Lauder Companies Corporate Departments
Americas-United States-New York
Research Park (RP) 125 Pinelawn Road Melville 11747-3135
Apply | Add to My Job Cart | SHARE

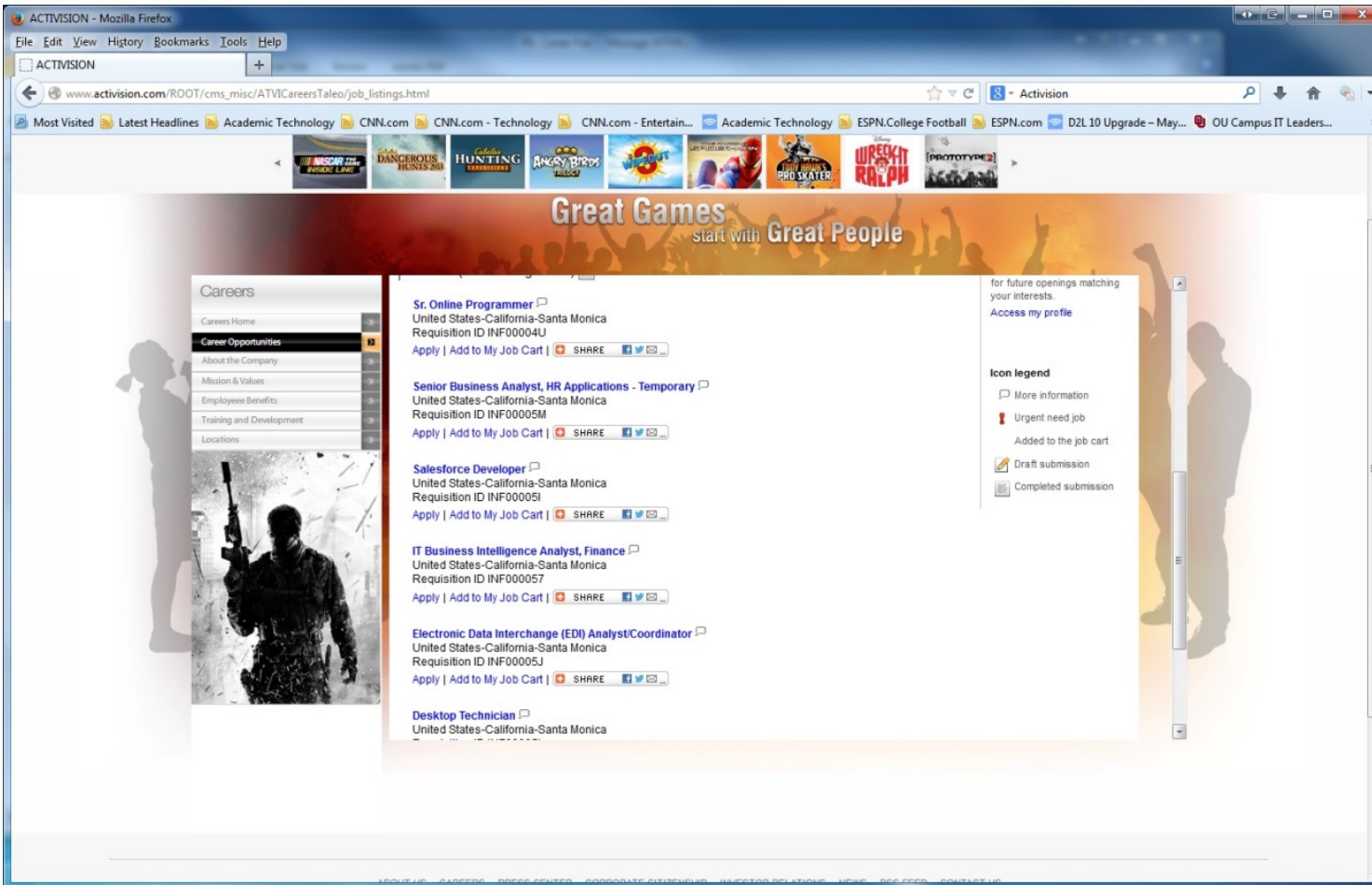
Risk Analyst Full-time
Job Posting: Sep 5, 2013
Requisition ID - 131337
Estée Lauder Companies Corporate Departments
Americas-United States-New York
Greenway Plaza - 145 145 Pinelawn Road Melville 11747
Apply | Add to My Job Cart | SHARE

Technical Architect Full-time
Job Posting: Feb 11, 2013
Requisition ID - 130078
Estée Lauder Companies Corporate Departments
Americas-United States-New York
EL GM The Company Store 767 Fifth Avenue New York 10153
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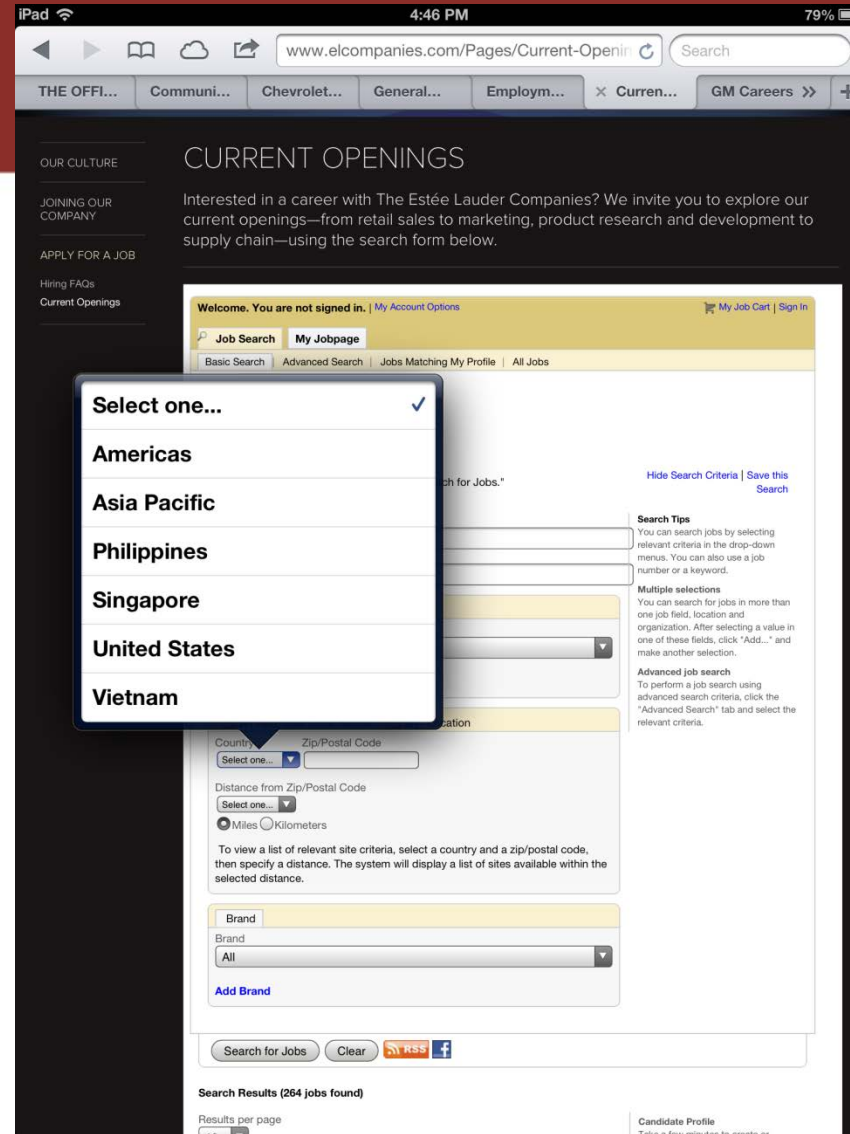
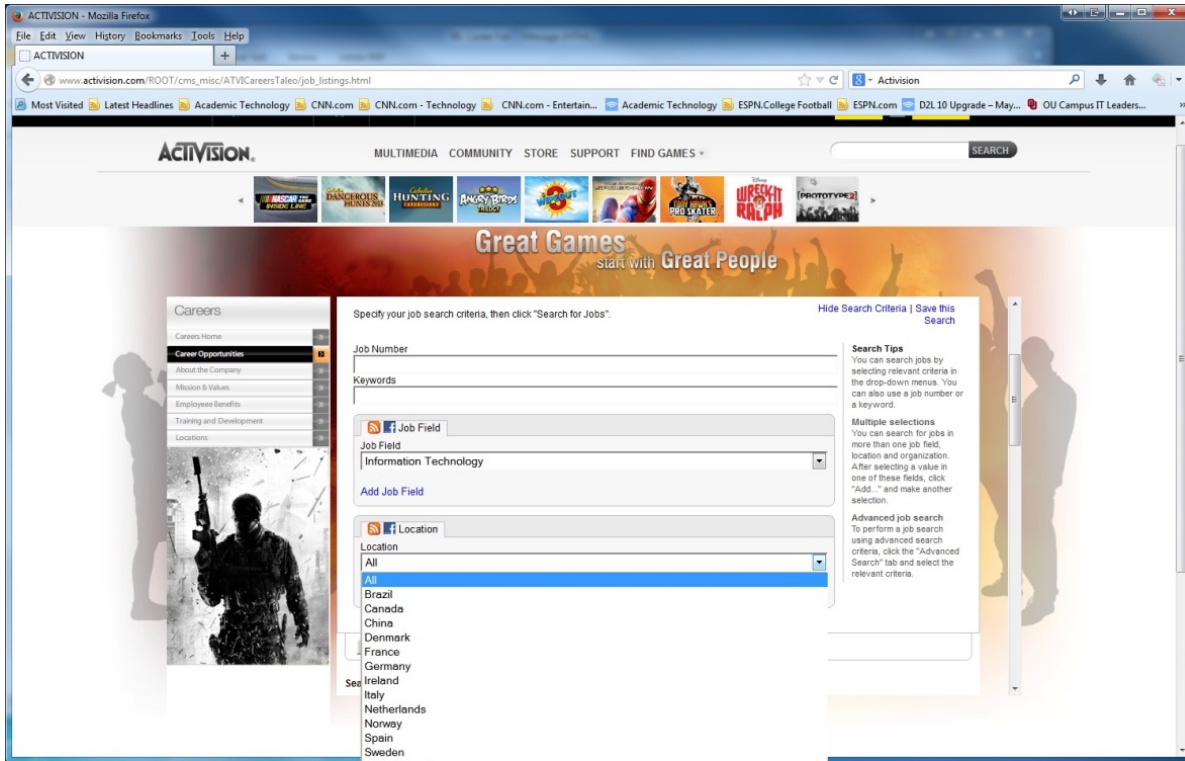
Technology Strategy Resource Analyst Full-time
Job Posting: Sep 6, 2013
Requisition ID - 130893
Estée Lauder Companies Corporate Departments
Americas-United States-New York
Greenway Plaza - 145 145 Pinelawn Road Melville 11747
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Jobs - Page 1 out of 2 Previous | 12 | Next

Gaming – Non Tribal



Jobs and Locations



What is Engineering?

<http://www.youtube.com/watch?v=bipTWWHya8A>



What do Engineers Do?

- Engineers make a world of difference.
- Engineers are creative problem solvers.
- Engineers help shape the future.
- Engineering is essential to our health, happiness, and safety.
- Engineers connect science to the real world.

Some useful websites on engineering:

Engineering Go for It

- www.egfi-k12.org/

Engineering Girl

- www.engineergirl.org/

Engineer Your Life

- <http://engineeryourlife.org>

OU College of Engineering Fact Sheet

- ◆ 2,450 Undergraduate Students
 - 28.0 Average ACT score
 - 72.8% Sophomore six-year Graduation Rate
 - 42% Graduate with Distinction or Special Distinction
(3.40 GPA or higher. Nearly 3% graduate with a 4.0 GPA.)
 - 22% Females
 - 23% Underrepresented Minorities
 - 20% Honors College
 - Over 8% National Scholars
- ◆ 459 Graduate Students
- ◆ 110 Faculty Members
- ◆ 12 Degree Programs with 30 Accredited Engineering and Computer Science Programs
- ◆ \$23 Million Research Expenditures



Degree Options

- AEROSPACE ENGR
- ARCHITECTURAL ENGR
- CHEMICAL ENGR
 - CHE BIOTECH
 - CHE PREMED/BIOMED
- CIVIL ENGR
- COMPUTER ENGR
- COMPUTER SCIENCE
- ELECTRICAL ENGR
- ENVIRONMENTAL ENGR
- ENVIRONMENTAL SCIENCE
- ENGINEERING PHYSICS
- INDUSTRIAL & SYSTEMS ENGR
 - INFORMATION TECHNOLOGY
 - IE PREMED
- MECHANICAL ENGR
 - MECH PREMED
- PETROLEUM ENGR(College of Earth and Energy)

*16 Accelerated BS/MS Degree Options



College of Engineering

Student Support Services



Williams Student Service Center

- DLC Mentors
- Academic Counselors
- Peer Tutors
- Diversity and Multicultural Programs
- Student Organizations
- Summer Bridge
- Study Abroad

Engineering Faculty

University Support Services

- Honors College
- Success Series Seminars
- Goddard Health Center
- Assessment and Learning Center
- Writing Center
- Career Planning and Placement

Diversity and Inclusion Program/ Multicultural Engineering Program

Diversity Programs is an important factor of the College of Engineering's education effort in providing a distinguished engineering education to students from underrepresented groups.

- ✓ Freshman orientation course
- ✓ Tutoring
- ✓ Professional development and industry networking opportunities
- ✓ Scholarship programs



AT&T Summer Bridge

July 8 – August 1, 2014

<http://www.youtube.com/watch?v=9p7ev3mdQbQ>

AT&T Summer Bridge is designed to help students transition from high school to first year of engineering course work. The program includes:

- Housing
- Meals
- Pre-Calculus CREDIT; Pre-Chemistry; Gateway to Engineering courses
- Seminars
- Team building exercises and excursions

Over 60% of the 2012 cohort increased their math placement by at least one level.

Sometimes engineering coursework can be a challenge. We want **YOU** to be prepared academically for your first semester at OU!

<http://www.ou.edu/content/coe/wssc/diversity/camps/summerbridge.html>



Diversity and Inclusion Program
College of Engineering



at&t
Summer Bridge Program



College of Engineering

Student Involvement & Co-curricular Activities

Over 50 Student Organizations:

- College specific organizations
- Student Chapters of National Technical Societies
- Honor Societies
- Ethnic and Gender based Engineering Societies
- Competition Teams



Imagine the possibilities that await you here at the OU College of Engineering!

Here's how to prepare

- ◆ Challenge yourself! Take math, science and AP courses, and develop strong study skills.
- ◆ Get involved in your community and look for opportunities to develop leadership skills.
- ◆ Schedule a visit to OU College of Engineering by contacting OU Prospective Student Services: (405) 325-2151. Mention Engineering and they will schedule a visit for you.



Do you want to make a difference?

<http://www.cbsnews.com/video/watch/?id=50158048n>

Do you want to have financial stability?

The 10 Most Popular College Majors for Millionaires

BUSINESS By Peter Jacobs
INSIDER November 1, 2013 11:23 AM



REUTERS/Toby Melville



More millionaires have degrees in engineering than any other subject, according to a new study from WealthInsight.

As reported by the New Statesman, the study highlights the 10 most popular degrees that millionaires around the world hold, both for undergraduate and graduate studies. While most of the subjects listed are "obvious," they note, "few of these degrees turn out to be vocational — most engineering graduates, for example, are not engineers but entrepreneurs."

However, when only examining grad-

uate degrees, MBAs rise to the top of the list — 12.8% of the millionaires WealthInsight looked at have one.

The top 10 degrees that millionaires earn:

1. Engineering
2. MBA
3. Economics
4. Law
5. Business Administration
6. Commerce
7. Accounting
8. Computer Science
9. Finance
10. Politics

And here's just for graduate degrees:

1. MBA
2. Law
3. Engineering
4. Economics
5. Finance
6. Management
7. Computer Science
8. Medicine
9. Accounting
10. Mathematics



QUESTIONS??

- About STEM?
- About OU?
- About the College of Engineering?
- CONTACT US Any time
- Lynnetta Eyachabbe leyachabbe@ou.edu
- Lisa Morales lmorales@ou.edu