CIS Specific Opportunities – February 9th, 2015
The following opportunities are included in this issue:

1. Enhancing Undergraduate Experience in Mobile Cloud Computing - NSF Summer Research Experience for Undergraduates (REU)  DEADLINE to APPLY 3/1
2. NET/WORK jobs fair: students get in for free – 2/10 from 1 to 7
3. An interesting Tech in Motion Event you might enjoy - People & Analytics: Data Driven Dating with Instamour
4. Intern: AstraZeneca Pharmaceuticals - US IT Program (Summer 2015)
5. WYL UI/UX Designer – Whose You Landload.com
6. Meet with the representative of Soagang University in Seoul Korea to learn how you can do research in Korea – great opportunities for international study and research!!!  Today 2/9 @4PM

Job Fair Prep Event - Thursday February 12th 5pm-7:30pm – Register at https://templecst.wufoo.com/forms/job-fair-preparation/
Pizza Provided!!  Space is limited!!

ACM Networking Speed Match - February 18th 5pm-7:30pm – Register at https://templecst.wufoo.com/forms/acm-speed-networking/

CST Job Fair - February 25th 1:30pm-4pm – Register at https://apps.cst.temple.edu/jobfair.pl

1. Enhancing Undergraduate Experience in Mobile Cloud Computing
NSF Summer Research Experience for Undergraduates (REU)

Come Spend the Summer in Philadelphia!
☐ Visit the City of Brotherly Love
☐ Experience the arts, music, and culture of the nation’s 6th largest city
☐ Events to many of the historic sites in Philadelphia and the area
☐ Exposure to World Class research faculty and facilities
Program Overview
- Funded by National Science Foundation (NSF) and Department of Defense (DoD)
- 8 Week paid program May 25th to July 17th - $4000 Stipend
- Travel, housing and meals will be provided as necessary

Eligibility Requirements
- Open to Sophomores, Juniors & Seniors in computer related majors
- Students in Math, Physics or Engineering are also encouraged to apply
- 3.0 GPA or better
- US Citizen or Permanent Residency is required

Sample Research projects in the areas of:
- Mobile computing
- Mobile computing for Geological Research
- Wireless Communications
- Software Defined Cellular Networks
- Cloud computing
- Opportunistic Mobile Cloudlets
- Mobile and Cloud Computing Forensics
- Forensics Challenges of Mobile and Cloud Computing

Deadline to apply – March 1st 2015
Committed to encouraging applicants who are also members of a group underrepresented in computing (e.g., women, African Americans, Hispanics, American Indians, Pacific Islanders)
or who are enrolled in a minority, women's, or non-doctoral institution

Dr. Avinash Srinivasan TempleREU2015@temple.edu 215-204-5774
http://www.cis.temple.edu/~avinash/reu.html

2. NET/WORK jobs fair: students get in for free

NET/WORK is a technology jobs fair where organizations show off their company culture and attendees show off their personality. Entry-level positions and internships are available.

More than 60 businesses, startups and organizations will be at this jobs fair on Tuesday, Feb. 10 at Union Transfer.

They’ll be hiring.

Students and recent grads can attend for free.

Get tickets

Here are the perks included with the price of admission:
• **Dev workshops**: Hear advanced discussions on **Python** and **Backbone.js** and learn to build accessible websites. Workshop discussions lead by Tom Panzarella of the Philadelphia Python Users Group, Jide Osan of Squareknot and LeeAnn Kinney of Girl Develop It.

• **Inspiration**: Kick off the day with a talk on how to start a career in dev from Mike Matranga of Tonic Design. (He would know: [he used to be a cell phone salesman](#).)

• Professional development workshops on:
  - **Optimizing your LinkedIn**, with Chris Burns of InternU.
  - **Closing the gender gap**, with Leslie Chapman, a software engineer at Comcast. Discuss the current state of women in STEM fields in the U.S.; explore techniques to ensure a successful transition through hiring and onboarding; and talk about how to ensure future success through giving back and inspiring other women.
  - **Negotiating compensation**, with Anthony Gold.
  - **How to ace an interview**, with Nick Shiftan of Curalate.

• **Head shots**: By professional photographer Neal Santos.

• **Resume reviews**: By InternU.

• **Coffee**

• **Happy Hour**: If you’re over 21, you get a free drink ticket. Everyone gets snacks.

• **Networking**: Connect with fellow job seekers and recent graduates. Also meet potential employers, collaborators and cofounders.

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3. An interesting Tech in Motion Event you might enjoy - **People & Analytics: Data Driven Dating with Instamour**

• [Tell a friend](#)

• [Share](#)

• **Thursday, February 12, 2015**

  6:00 PM to 8:00 PM

• **First Unitarian Church**

  2125 Chestnut Street, Philadelphia, PA ([map](#))

• **Enter on Chestnut: Private entrance to the below-ground auditorium**

• This February, celebrate the advance of technology in all things social - including data. With a great list of speakers revolutionizing the dating industry with data, forget romance on the 12th of February - it's all about the numbers.

  In addition to the tech talk, other highlights will include live music, a comedy skit, demos and of course drinks. There will also be plenty of time to connect with the usual Tech in Motion crowd of entrepreneurs, CTOs, CEOs, IT professionals and tech aficionados. Come on out for the networking, drinks and snacks, and stay for the one-on-one demonstrations, special speakers and beyond.

  We will even have a lively debate. Check back for further details and a full schedule, but reserve your spot now!
4. Intern: AstraZeneca Pharmaceuticals - US IT Program (Summer 2015)

Responsibilities:
The US IT Internship program provides the best undergraduate students a unique opportunity to gain meaningful Information Systems experience in the pharmaceutical industry. In addition to their information systems experience, the program participants are involved in cross-functional training sessions and networking activities. All participants are exposed to Senior US IT leadership throughout our mentoring program.

Participants will collaborate with other US IT Interns on a group presentation describing their individual project experiences and contributions and will present to Senior US IT Leadership. Upon completion, participants leave the program with invaluable business and IT knowledge that provides them with a head start on their career.

Major Responsibilities:
Various IT responsibilities including, but not limited to, technology research, business case development, requirements documentation, project management, architecture blueprints, portfolio management, and ad-hoc projects.

Qualifications:
Minimum Requirements

- GPA of 3.0 or higher
- Proficiency with Excel and PowerPoint required
- Computer Science, Information Science or related major
- Completed second year at the undergraduate level

5. WYL UI/UX Designer – Whsoe You Landload.com

We need a UX designer who has some experience with java script, html, and css. The internship wouldn't be paid. The idea is to find someone very well suited to join our team and they'd receive equity if both sides agree that it's a good fit after the beginning/onboarding process.

UI/UX Designer

You will be designing and developing a re-design of our existing website, WhsoeYourLandlord.com. You will be tasked with taking our requirements and ideas and translating them into a sleek, modern, and responsive user experience that best takes advantage of screen real estate. We are looking for a motivated individual who likes a good design challenge and will have a large input on the look and feel of our website.

Primary Job Responsibilities

- Design user experience for our website
- Produce mock ups of website
- Possibly code design mock ups in HTML and CSS using Bootstrap
Requirements
- Strong design skills
- Knowledge of Photoshop or similar graphic design software
- Ability to work with deadlines and quickly

Minimum Qualifications
- 1-3 years of UI design experience
- Portfolio of your work showcased

Preferred Qualifications
- HTML and CSS skills
- Javascript skills

Contact  Ofo Ezeugwu  ofo@wylandlord.com

6. Meet with the representative of Soagang University in Seoul Korea to learn how you can do research in Korea – great opportunities for international study and research!!!

Today – Monday 2/9 - SERC 703 at 4:00PM to 5:00PM

Learn about cutting edge research and the STEM Lab Program and how you too can do research in Seoul Korea!!!

Meet with the International Program Officer

Ms. Jin ok Ahn
Office of International Affairs
Sogang University

Brooke H. Walker
Assistant Vice President
Temple University Office of International Affairs

Monday 2/9 4:00PM to 5:00PM
Science, Education and Research Center (SERC)
Dean’s Conference Room, 703

Here is information about the University and the program
STEM Lab Program

**Sogang is the Best of the Best.**
Sogang, equipped with best professors, cutting-edge research and excellent education programs and services, has served as a signpost of Korean college education. By embracing the education value of the Society of Jesus, all members of the Sogang family have presented dedication, passion and excellence and set an exemplary model of a truly prestigious university. Sogang is the best of the best.

**Research Institutes**
As a leading research university, Sogang University strives to foster leading edge research by the faculty and the students. Research activities at Sogang range from pure science to industry-funded applications research. Through the Sogang Business Center, the university is assisting the launch of venture companies based on new technologies developed through the university’s research activities some of which are:

MSI - Medical Solutions Institute
ICASE - Institute of Computer-Aided Styling and Engineering
ICI - Information & Communication Institute
SCI - Software Convergence Institute
SE2I - Software Convergence Institute
STI - Semiconductor Technology Institute

Brochure – [click here](#)

There are many opportunities for research – here is a small sample of opportunities

- **Physics**
  - Multi-dimensional soft nanomaterials
  - Investigation of Domain Structure and Bandgap Control in Graphene
  - The Duality of M/String Theory and Quantum Spacetime
  - Non perturbative Field Theory and Supersymmetry
  - Test of Quantum Spacetime through Cosology
  - Development of 4G mobile communication LTE for FEU channel duplexer with a dielectric
  - World-Class Physics Research and Education Program
  - Physical properties of ionic liquids

- **Chemistry**
  - Electrochemical Process for Producing Formic Acid from CO2
  - Development of (photo)catalysts for multi-electron reduction of CO2
  - Development of Labeling Technologies for PET Radiopharmaceuticals
  - Studies on Total Synthesis of Natural Products (Tausalarin C and Phorbaketal Derivatives) with Anti-Cancer Effects
  - Building the Infrastructure of the Artificial Photosynthesis Technology for Leading the Future of POSCO’s New Growth Engine
- Assembly of Nanoparticle, Development of High Efficiency Molecular Separation Membrane and Fabrication of Device
- Development of Proton, Electron and Activated Hydrogen Carrier
- Organization of Microcrystals and Application

## Life Science
- Development of Targets and Materials to Control Cellular Damage
- Studies on Regulatory Networks to Control Cellular Damage Responses
- Sogang BK21-Global Leader Program of Life Science
- Development of novel technologies for detection, monitoring, risk assessment, and control of foodborne pathogens

## Computer Science and Engineering
- Advanced S/W Engineer Development for Health Systems in Pervasive Computing
- The Original Technology Development of Interactive Intelligent Personal Assistant Software for the Information Service on multiple domains

## Chemical & Biomolecular Engineering
- Development of new strains and metabolic optimization for the production of 2,3-butanediol
- Advanced Track on Chemical and Nano-material processes with high efficiency
- Platform Technology of Bioelectronic Device Composed of Biomolecule
- Food Advanced Analysis Center
- Fabrication Technology for Nanoscale Electronic Chip of Neural Stem Cell
- Moving bed adsorption system for CO2 recovery process

[http://www.sogang.ac.kr/english/research/01_institutes.html](http://www.sogang.ac.kr/english/research/01_institutes.html)

### Campus Life
Sinchon, located in Seoul, is known as a “University Town” because of the several major prestigious universities located in the area. Sogang University, located in the center of Sinchon, offers international students a firsthand experience of the various universities in the Sinchon area and the general Korean university culture. They will also have opportunities to meet the students of neighboring universities.

At Sogang, there are various activities available to its students. On top of academic classes, international students can participate in extracurricular activities, programs offered by the Office of International Affairs, and events for international students which enable them to mix and interact with the students of Sogang University.
Located in Sogang campus, Mary Hall (Concert Hall) offers music concerts and plays throughout the year and festivals in the spring and fall. Each year, Sogang Film Festival showcases the best independent movies from Korea and abroad.

Being smaller in size compared to other major Korean universities, Sogang University offers a family-like atmosphere and intensive care for international students to help them adjust and feel at home. Students who go back to their home country after studying at Sogang, wish to come back to study at Sogang in the future.

**Sogang STEM Lab Internship Program**

Undergraduate exchange students who are majoring in engineering or natural sciences can apply for an internship at one of the many research labs at Sogang University. Interns will have a hands-on learning experience through interactions with professors and graduate students. The internships will have flexible hours, with a maximum of five hours per week during the academic semester. Students will be assigned to a research lab based on the information in their Lab Internship Program applications.

http://goabroad.sogang.ac.kr/application/exchange/index.asp