



University of
Pittsburgh®

Informatics and Networked Systems
School of Computing and Information

You are receiving this email because you are enrolled in the MSIS/MST graduate degree programs within the Department of Informatics and Networked Systems at the School of Computing and Information. Each weekly newsletter will feature important updates on career/academic and job opportunities, department and school events, enrollment guidance and upcoming academic deadlines.



November 1 through November 10:

Available in-Person in IS Building Room 706 on Tuesdays from 11am to 12pm and Thursdays from 1pm to 2pm

Available virtually every Monday, Wednesday, and Friday from 4pm to 5pm-<https://pitt.zoom.us/j/96524201536>

We hope that your Fall Term has been going well. Enrollment Appointments are coming up. Do you have questions about enrollment for Spring 2024?

The Department of Informatics and Networked Systems is going to host an Advising Session For Continuing Graduate Students on Friday, November 3. This event will offer you a great opportunity to discuss your degree program, progress, and professional goals with DINS faculty and staff. This will be hosted by our Department Advising Committee and will include faculty representing several of our academic areas of strength including Human-Centered Computing, Information Security, Big Data, Networks, and more.

Here are the details:

Friday, November 3

12:30pm-2pm -Advising Sessions for Continuing Graduate Students

Room 316, Information Sciences Building

Please use the following link to indicate if you can attend (RSVP): https://pitt.co1.qualtrics.com/jfe/form/SV_40XcWqUQIDIC3UW

Light Refreshments will be provided. Please let us know if you can attend by Wednesday, November 1.

We hope you can join us!

DINS Seminar Series

November 2, 2023

Personalization in the Age of Cyber-Physical-Social Systems

Bereket Yilma, Lecturer, Department of Computer Science, and Researcher, Computational Interaction (COIN) Group, University of Luxembourg

11:00 am to 12 noon

Conference Room, Fifth Floor, 130 North Bellefield Building (across the street from the IS Building)

Nowadays, personalization has garnered significant traction in the context of smart environments collectively termed Cyber-Physical-Social System (CPSS). CPSS encompasses physical spaces such as smart cities, smart homes, schools, offices, museums, and factories where humans and sensor-enabled “intelligent devices” coexist. As these environments are continuously evolving in complexity, personalization presents both a promise and a challenge. In this talk, I discuss practices for designing personalization in dynamic interactive environments. Specifically, I focus on both scenarios that require knowing where to apply pure personalization and ones that necessitate departing from a sole optimization of user satisfaction to bring multi-stakeholder awareness. I showcase my recent research leveraging computational methods and machine learning algorithms to demonstrate how the challenges of implementing personalization in dynamic CPSS environments can be tackled. Particularly, I present a smart museum scenario which features a case study from the National Gallery in London. I discuss our findings from a small-scale and a large-scale user-centric evaluation highlighting how this research contributes to our understanding of delivering personalized content in dynamic environments, its implications and explain how it can benefit other domains where personalization has gained momentum.



Dr. Bereket Yilma is a Computer Scientist specializing in optimization and applied Machine Learning. He holds a PhD in Automatic Signal and Image Processing, and Computer Engineering. Currently, he works as a researcher within Computational Interaction (COIN) group at the University of Luxembourg and is a Lecturer in the Department of Computer Science. He also serves as the instructor of Recommender Systems in the Doctoral School of Computer Science and Computer Engineering. His research focuses on various aspects of Human-Centered Artificial Intelligence, including Recommender Systems, Adaptive User Interfaces, and Personalization in the context of Smart Interactive Environments aka Cyber-Physical-Social Systems (CPSS). He also actively contributes to Brain-Computer Interfaces (BCI) research within the framework of the BANANA project, Brainsourcing for Affective Attention Estimation. As an Associate Chair of SIGCHI, Dr. Yilma plays a key role in the HCI community. He is an Instructor at the SIGCHI CIX Summer Schools and serves as a PC member and reviewer for flagship HCI/ML venues, and ACM Conferences, such as CIKM, IUI, SIGIR, AAAI, LOD, ICML, ICLR, and NeurIPS.

You can find additional information on the DINS Seminar Series here: [DINS Seminar Series: 2023-24 | Department of Informatics and Networked Systems | University of Pittsburgh](#)

SCI Student Success is partnering with the Pitt Police, the FBI, and other University Departments to host a workshop on financial fraud awareness. As you may know, [this has become an increasing concern for our students](#).

Financial Fraud Awareness Workshop | Wed, Nov 1, 6 p.m. | 120 David Lawrence Hall | or Zoom <https://pitt.zoom.us/j/98949369113>

Protect yourself from financial scams! Join the FBI and Pitt Police to learn how to identify these scams and where you can find resources to help. Everyone is welcome to attend, bring a friend.

Snacks provided for in-person attendance!

Hire UP convenes top students from all Pittsburgh colleges and universities, for a top-tech job fair.

Register via: https://www.pghtech.org/events/Hire_UP_Nov2023

Students studying information technology, engineering, traditional sciences, and more will be looking to learn about opportunities at multiple companies. Light refreshments will be available throughout the event for both recruiters and jobseekers.

Wednesday, November 1 | 4:00-7:00 PM | Pittsburgh Hire UP: College Recruiting Event

Location: University of Pittsburgh, William Pitt Union, Ballroom & Kurtzman Room (Main Floor), 3959 Fifth Avenue, Pittsburgh, PA 15213

Esri Information Technology - Application Developer Internship

Esri

On-site ·
Redlands, CA

Role Description

Be a part of a team that works on complex challenges and pursues elegant solutions. Application Developer interns will contribute to new functionality of our core business productivity systems. These systems are widely used at Esri, enabling you to have a broad impact.

What You'll Do

Over the summer, interns worked with senior staff to:

- Work with clients to gather and understand business needs and requirements, document those requirements, and create functional prototypes to address them
- Participate in code and security reviews
- Create unit test plans and develop integration tests
- Troubleshoot and resolve varying levels of technical issues
- Add value by being current with new trends and frameworks used for web development

[\(30\) Esri Information Technology - Application Developer Internship | Esri | Handshake \(joinhandshake.com\)](#)

Systems Engineer Intern (Remote, Hybrid options)

Vectorworks, Inc.

Remote ·
Columbia, MD

Role Description

Do you enjoy solving challenging engineering problems and collaborating with motivated people? Are you looking for an opportunity to work on business-critical solutions?

You will build reliable, scalable applications to support our internal business systems and our customer and partner-facing portals.

The system engineering team runs all the back-end systems for the company that make it possible for customers to purchase our products, distributors to work with us, sales team members to report data, etc. They put proprietary systems together to automate business processes which make our company run. The team also manages all the servers and infrastructure we have built out at Vectorworks.

During This Internship You Will:

- Contribute to multiple aspects of internal applications from front end web development to back-end web development, building our APIs and database design.
- Investigate and identify bugs to determine appropriate fixes.
- Implement business logic.
- Work on multiple projects concurrently.

Here Is What Success Looks Like:

- The ability to be flexible and adapt to tackle new needs quickly.
- Excellent problem solving and troubleshooting skills with a passion for root cause analysis and problem resolution.
- Proficiency with Python and the Django framework.
- Proven Linux experience.
- Prior exposure to database query languages and full stack web development.
- Working knowledge of AWS, REST APIs and JavaScript are a plus. These can be learned during the internship session.

[\(30\) Systems Engineer Intern \(Remote, Hybrid options\) | Vectorworks, Inc. | Handshake \(joinhandshake.com\)](#)

Save the Date-Department of Informatics and Networked Systems Graduation Celebration Fall Term 2024

Professor Daqing He and the Department of Informatics and Networked Systems (DINS) are pleased to announce that we will be hosting a Graduation Celebration for all students graduating from DINS this Fall Term 2023 :

Department of Informatics and Networked Systems Graduation Celebration

Friday, December 15, 2023

Room 316, Information Sciences Building

Both undergraduates and graduates of the programs in the Department of Informatics and Networked Systems are welcome.

You are more than welcome to bring family and friends to this casual celebration.

For those planning on graduating in Fall of 2023 (otherwise known as term 2241 in PeopleSoft), you must apply to graduate to get your diploma (and, of course, successfully complete all appropriate coursework)!

Here is the timeline for Term 2241:

Graduation Application Late Fee Begins - 10/3/23-Starting today students will be charged a \$25 late fee.

Graduation Application Closes - 12/1/23

If you are working on a Master's or Doctoral Thesis-Final Day for ETD Paperwork & D-Scholarship Upload -December 1- [\(What to Do After You Defend Your Thesis/Dissertation | Electronic Theses and Dissertations \(pitt.edu\)\)](#)

*******Please be advised, that if you have any questions, you can always reach out to me via email (jap306@pitt.edu) and phone number (412-383-4212). *******