



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.



Available in Person in IS Building Room 706 each Tuesday from 1pm to 2:30pm.

Succeed in Your Summer Experience

Description: Learn strategies to succeed in your summer experience, whether it be an internship, co-op rotation, part-time job, and more.

When: Thursday, March 28, 2024 from 1-1:45pm

Registration link: https://pitt.joinhandshake.com/events/1459858/share_preview

ARM Institute Site Visit



Friday, April 5th | 10am-12pm

[Register Here](#)

The ARM Institute will be hosting graduate students from the University of Pittsburgh on Friday, April 5th from 10am-12pm for a site tour and deep dive conversation about their organization and the impact they are creating on the U.S. manufacturing ecosystem. Students will hear how the ARM Institute strengthens U.S. manufacturing through innovations in advanced manufacturing

technology, particularly robotics and artificial intelligence (AI), and how they prepare the workforce to work alongside these technologies. Through conversations with ARM Institute leaders and collaborators such as Premier Automation, you'll see and hear first-hand how the organization fosters collaboration between those who can create and maintain robotics with those who can leverage it for maximum economic impact. This event is an excellent learning opportunity for students interested in manufacturing, robotics, AI, strategic partnerships, and much more! ARM Institute is located in the Mill 19 space in Hazelwood about 2 miles from Mervis Hall (4501 Lytle St Suite 200, Pittsburgh, PA 15207). Students will need to find their own way to the location for this visit.

Dean's Spotlight Series: "Making Good Games for the Greater Good"

Join us on Monday, March 25th for Jessica Hammer's talk "Making Good Games for the Greater Good." Hammer is the Director of the Center for Transformational Play/Human Computer Interaction Institute/Entertainment Technology Center at Carnegie Mellon University.

Please check back for more information about the talk.

[RSVP](#)

Monday, March 25 at 5:00 p.m. to 7:00 p.m.

130 North Bellefield Ave., 5th floor

Summer Research Assistant Position in Healthcare NLP/ML

Dr. Daqing He's iRiS lab is seeking a highly motivated and skilled undergraduate or master's student to join our team as a Summer Research Assistant. Our lab focuses on advancing healthcare-related information extraction, summarization, and question answering using natural language processing (NLP) and machine learning (ML) techniques.

Responsibilities:

- Collaborate with our research team on ongoing projects in healthcare NLP/ML
- Contribute to the development and implementation of novel algorithms and models
- Assist in data collection, annotation, and analysis
- Participate in research discussions and presentations
- Work towards publishing research findings in academic conferences or journals

Qualifications:

- Current enrollment in an undergraduate or master's program in Computer Science, Information Science, or a related field
- At least one year remaining before graduation
- Strong background in NLP, machine learning, or related areas
- Programming proficiency in Python, Pytorch, huggingface
- Excellent analytical and problem-solving skills
- Strong verbal and written communication skills
- Ability to work independently and collaboratively in a research environment

Benefits:

- Gain hands-on experience in cutting-edge healthcare NLP/ML research
- Work closely with experienced researchers and receive mentorship

Opportunity to contribute to publications and build your research portfolio
Potential for continued collaboration with our lab beyond the summer
Hourly compensation for your work during the summer

Interview Process:

Candidates will first need to pass a simple technical interview project.
Once we review your project and feel good about it, we will set up a follow-up online interview to discuss your background and the project details.

To apply, please send your resume, a brief statement of your research interests and experience, and the contact information to zh123@pitt.edu. Applications will be reviewed on a rolling basis until the position is filled.

If you have any questions, please contact Zhimeng Luo at zh123@pitt.edu.

The Department of Informatics and Networked Systems (DINS) will host a Recognition Ceremony for all students graduating in Spring Term 2024.

Please note the following information –

Friday, April 26, 2024

4 pm to 6 pm

Third Floor, IS Building, 135 North Bellefield Avenue, Pittsburgh, PA 15213.

We will recognize all students graduating from degree programs in Information Science (BS, MS, PhD, Minor), Telecommunications (MST, PhD), Computational Social Science, Digital Narrative and Interactive Design, and the Graduate Certificates in our department.

You are welcome to bring guests...so please let your friends and family know about this ceremony celebrating your graduation from one of our degree programs!

Siemens

Internet & Software

Software Engineer II

Posted 1 day ago·Apply by April 1, 2024 at 6 AM

Onsite, based in Parsippany, NJ

Work in person from the location

Position Overview:

Supports standard design, maintenance, enhancement, testing implementation, and support of software. Provides support with the development of software test requirements for standard modules under development, may implement standard test specifications. Advises in providing estimates for

standard modules under development and may estimate own work. Provides support in reviewing standard customers' standards specification and other documentation to determine software engineering requirements. Independently performs basic tasks and functions for professional field of work. Seeks advice and guidance on non-routine or problem areas from others. Identifies problems as they occur and takes appropriate steps to solve them in situations where the problem is not difficult or complex.

You will make an impact by:

Designing, Developing, implementing, and maintaining fire industry solutions.

Assisting to develop innovative embedded system solution blocks using the latest tools and platforms.

Assisting in embedded application architecture design and development.

You will win us over by having the following qualifications:

- Bachelor's degree in system, electrical or software engineering discipline or computer science from an accredited institution
- Qualified Applicants must be legally authorized for employment in the United States. Qualified Applicants will not require employer sponsored work authorization now or in the future for employment in the United States.
- Minimum of 3+ years of experience working in related field.
- Expert in one or more programming languages (e.g., C++, Java, C#, etc...)

Preferred Qualifications:

- Understanding and skills in software design and code, including Object Oriented Analysis & Design (OOAD)
- Team player with a proactive attitude and the ability to be productive in a dynamic / collaborative environment (e.g., open seating arrangement)
- Strong oral and written communication skills
- Software related intern, work, or hobby experiences (e.g., software development, IA, web development, etc.)
- Linux and Windows Operating System experience
- Experience with open Source, cloud and virtualization software and services
- Embedded Product Life cycle development
- Interface Experience (Serial Interface and Protocols (I2C, SPI, UART, ect...)) or Strong IP Interface knowledge (UDP, TCP))
- Development languages (e.g., C, C++, Python, Java)
- Scripting and other languages (e.g., Shell, Python, node, js, JavaScript, UML, AJAX, JSON, json-Id, XML, HTML, CSS, JQuery, Arborjs, Leaflet, and/or PERL)
- Database tools and design (e.g., Accumulo/HDFS, Oracle, Postgres, SQL, MongoDB, AllegreGraph, NoSQL, RDF, and/or SPARQL)
- Development tools and services (e.g., MS Visual Studio, Eclipse, jBuilder, Spring Framework, jBoss, Hibernate, Apache, Tomcat, Maven, and/or automated test tools)

- Configuration Management tools (e.g., ClearCase, Subversion, and/or Git)
- Algorithm development
- Basic understanding of Software Security

[Software Engineer II | Siemens | Handshake \(joinhandshake.com\)](#)

Amplitude, Inc.

[Internet & Software](#)

Full-Stack Software Engineering Intern

Hybrid, based in San Francisco, CA

Work in person for part of the week, from the location

As a Full-Stack Software Engineering Intern at Amplitude, you will:

- Develop large-scale interactive applications or improve scale, performance, operability, and availability of our internal systems.
- Design and develop core distributed components and services.
- Collaborate cross-functionally to build new product features.
- Take feedback from other engineering teams and design and implement features for them.
- Collaborate cross-functionally with other engineering teams to improve their processes.
- Participate in design discussions and code reviews to learn best practices from our engineering team.

You'll be a great addition to the team if you:

- Are pursuing a full-time BS or MS in Computer Science or related technical field with an expected graduation date in 2024 or Spring of 2025.
- Have strong computer science fundamentals e.g. Data Structures, Algorithms, Object-Oriented Design, Operating Systems, Distributed Systems.
- Enjoy working on technically challenging problems.
- Have excellent attention to detail.
- Real passion for solving challenging problems and iterating quickly.

[Full-Stack Software Engineering Intern | Amplitude, Inc. | Handshake \(joinhandshake.com\)](#)

For those planning on graduating in Spring of 2024 (otherwise known as term 2244 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 2244:

Graduation Application Closes - 4/1/24

If you are working on a Master's or Doctoral Thesis.-Final Day for ETD Paperwork & D-Scholarship Upload - April 22, 2024- ([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). *******

Regards,

James Petraglia (Pa-trail-ya)