

Two Funded Ph.D. positions in Engineering University of Alabama in Huntsville

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Posted Oct. 16, 2024, set to expire Feb. 15, 2025

Job Title	Two Funded Ph.D. positions in Engineering
Department	Industrial & Systems Engineering and Engineering Management https://www.uah.edu/eng/departments/iseem
Institution	University of Alabama in Huntsville Huntsville, Alabama
Date Posted	Oct. 16, 2024
Application Deadline	Open until filled
Position Start Date	Spring 2025
Job Categories	Graduate Student
Academic Field(s)	Mechanical Engineering Manufacturing & Quality Engineering Industrial & Systems Engineering Electrical and/or Electronics Computer Engineering Engineering - Other

Apply By Email

Job Description

The Integrated Computing Laboratory at the University of Alabama in Huntsville, led by Dr. Cheng Chen (<https://www.uah.edu/eng/faculty-staff/cheng-chen>), is excited to announce two available Ph.D. positions starting as early as Spring 2025. Successful candidates will have the opportunity to work on cutting-edge research projects, including computational design and digital thread development.

We offer competitive graduate assistantships, which include full tuition coverage, health insurance, travel support, and a monthly stipend. If you're interested, we encourage you to send your CV,

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transcript, and a brief statement about your research interests and how you can contribute to our projects to Dr. Cheng Chen at cheng.chen@uah.edu. Applications will be reviewed on a rolling basis until the positions are filled.

Minimum Qualifications:

- A Bachelor's degree with research experience or a Master's degree in Engineering, Mathematics, or Physics.
- A passion for research and the ability to work independently and collaboratively.
- Excellent communication skills, both written and spoken.
- A strong work ethic and a results-oriented mindset.
- Ability to design, conduct, and interpret experiments under the mentorship of the Principal Investigator.

Preferred Qualifications:

- A publication record and an interest in computational design or Internet of Things (IoT).
- Strong programming skills in Python or C++.
- A passion for pursuing a research-driven career.

Why the University of Alabama in Huntsville (UAH)?

- **R-1** Doctoral Universities: Very High Research Activity by the Carnegie Classification
- **Space-grant** University
- **1st** in Alabama Universities for **Math and Science**
- **300+** DoD tech companies based locally
- **# 13** in the nation in DoD-funded research
- **# 16** in the nation in NASA-funded research
- **3,000+** students in Engineering (~9,000 students at UAH)
- Average class size: **23** for undergraduates, **6** for graduates
- **17:1** Student/faculty ratio
- **\$615M** Economic impact in Alabama
- **\$163.4M** Annual R&D expenditures

Want to know more?: Email me your CV (Cheng.chen@uah.edu) and find out why joining ICL might just be the best decision of your PhD journey!

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Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Cheng Chen
Industrial & Systems Engineering and Engineering
Management
University of Alabama in Huntsville
5000 Technology Dr NW
Huntsville, AL 35805

Contact E-mail cheng.chen@uah.edu