

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

Direct Link: <https://www.AcademicKeys.com/r?job=247189>

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

<b>Job Title</b>	Two Funded Ph.D. positions in Engineering
<b>Department</b>	Industrial & Systems Engineering and Engineering Management <a href="https://www.uah.edu/eng/departments/iseem">https://www.uah.edu/eng/departments/iseem</a>
<b>Institution</b>	University of Alabama in Huntsville Huntsville, Alabama
<b>Date Posted</b>	Oct. 16, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Spring 2025
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	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](mailto: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](mailto: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