

## Ph.D. Applications for Spring / Fall 2025 Admission The University of Alabama

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Posted Jul. 25, 2024, set to expire Nov. 24, 2024

<b>Job Title</b>	Ph.D. Applications for Spring / Fall 2025 Admission
<b>Department</b>	Electrical and Computer Engineering <a href="https://ece.eng.ua.edu/">https://ece.eng.ua.edu/</a>
<b>Institution</b>	The University of Alabama Tuscaloosa, Alabama
<b>Date Posted</b>	Jul. 25, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Robotics Electrical and/or Electronics Computer Engineering
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**Job Description**

The Department of Electrical and Computer Engineering has multiple opportunities for students to embark on a fully funded Ph.D. journey within a research-intensive institution. Our students work closely with globally acclaimed researchers in cutting-edge domains such as devices and materials, electromechanical and energy systems, embedded systems (including IoT and edge computing), and electromagnetics.

**Student benefits include:**

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- A competitive stipend
- Tuition waiver
- Health insurance coverage
- Access to state-of-the-art facilities that foster excellence in research.

### **Ph.D. students are sought for multiple projects, including but not limited to:**

Intelligent Sensor & Wireless System, Prof. Nathan Jeong [shjeong@eng.ua.edu](mailto:shjeong@eng.ua.edu)

Advanced Signal Processing and Machine Learning Algorithms for Autonomous Vehicles, Prof. Shunqiao Sun [ssun21@eng.ua.edu](mailto:ssun21@eng.ua.edu)

Transportation Electrification and Power Distribution Decarbonization: decision making under uncertainties using optimization and reinforcement learning, Prof. Lusha Wang [lusha.wang@ua.edu](mailto:lusha.wang@ua.edu)

PT Sensors for Monitoring Chronic Diseases; An Integrated Opioid Sensor System; Monitoring of Microplastic Pollution Using Integrated Sensing Technology. Prof. Mark Cheng [mmcheng@eng.ua.edu](mailto:mmcheng@eng.ua.edu)

**Tuscaloosa, AL:** The University of Alabama is located in the heart of Tuscaloosa, home to one of the most beautiful campuses in the nation, along with a very mild climate and a low cost of living. Tuscaloosa is a 4-hour drive to the Gulf Coast where you will find some of the most breathtaking beaches in the world!

<https://visittuscaloosa.com>

### **EEO/AA Policy**

The University of Alabama is an Equal Opportunity Educational Institution/Employer.

### **Contact Information**

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

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