Postdoctoral Fellow
Auburn University

Job Title	Postdoctoral Fellow
Department	RFID Lab
Institution	Auburn University
	Auburn, Alabama
Date Posted	Jan. 8, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Electrical and/or Electronics
	Computer Engineering
	Computer Science
Job Website	https://www.auemployment.com/postings/42642
Apply By Email	
Job Description	

Job Description Summary

Position: The RFID Lab in the Harbert College of Business at Auburn University seeks applications for a postdoctoral fellow for research. This position is considered a full-time, non-tenure track 12-month position contingent upon available funding and performance.

About the RFID Lab: The RFID Lab includes a simulated factory, warehouse and distribution center, along with various retail, aviation, and food formats – including mall apparel and high-end fashion boutiques. The Lab is active in many research areas, including engineering, food safety, logistics and using a variety of wireless technologies to develop new solutions. The RFID Lab engages undergraduate and graduate students and faculty members to not only test technology, but also

Postdoctoral Fellow
Auburn University

develop intellectual property, obtain patents and potentially generate growth in the RFID market with new companies and products. Detailed information about programs and faculty is available **here**.

Responsibilities: The RFID Lab seeks an Automation Team Developer for a 1-year (renewal up to maximum of 4 years) postdoc position to focus on the business case and technical implementation of RFID and other emerging technologies in retail, supply chain, and manufacturing. Research areas include manufacturing and logistics sectors in enhancing production and supply chain competitiveness, as well as in the implementation of RFID technology. The aim of this position and the research is to explore new RFID functions to enhance the competitiveness in the retail, supply chain and manufacturing areas to achieve rapid responsiveness, cost optimization and system efficiency under a dynamic changing environment. This position will plan and conduct assigned and/or original research as described in the project description autonomously, while working collaboratively with Auburn University faculty, staff, postdocs and students, and will maintain accurate records of research findings and the analysis of results. This position will prepare manuscripts for publication in collaboration with Auburn University faculty, staff, postdocs, and students and present research findings at professional meetings. Additionally, this position will mentor graduate and undergraduate students as appropriate and perform safety and environmental measures for students and staff. Work for this position may be performed in a laboratory, classroom, office, or remote field site. Workload priorities may need to be shifted and schedules changed in order to meet multiple deadlines.

About the College: The Harbert College of Business has a strong tradition of providing highly desirable graduates and generating knowledge that drives diverse business thought and sustainable business practice. The college and its programs consistently rank among the nation's best public undergraduate and graduate business programs. The Harbert College has experienced steady enrollment growth in recent years and currently serves well over 6,000 undergraduate and graduate students through six academic departments offering eight undergraduate majors and multiple Masters and Ph.D. options. The college pioneered online masters and executive education programs that are now ranked among the very best in the nation. The college has invested in building a nationally recognized faculty that moves thought forward through research, engages with industry, and delivers relevant and current instruction.

Postdoctoral Fellow
Auburn University

About Auburn University: The Auburn family values tradition, yet eagerly prepares for the future. Rooted in more than 160 years of tradition, Auburn University occupies 1,841 acres and is the academic home to more than 30,000 students. Auburn's commitment to active student engagement and professional success, and public/private partnerships garners a growing reputation for outreach and extension that delivers broad economic, health and societal impact. Auburn University is one of the best places to work in the state of Alabama, according to the 2022 America's Best-in-State Employers list released by Forbes magazine.

Location: Auburn, AL, is a vibrant and thriving college town and community. Southern Living recently recognized the city of Auburn as one of the top small towns in the South, and Money magazine named Auburn the best place to live in Alabama. Known as the 'Loveliest Village on the Plains,' Auburn offers a high quality of life, including a vibrant cultural scene at the new Gogue Performing Arts Center, SEC sports throughout the academic year, national award-winning chefs and restaurants, a K-12 school system that is top-ranked in the state, general and concierge healthcare options, and an exceptional College of Veterinary Medicine for pet care. Chewacla State Park, just five miles from campus, offers camping, hiking, mountain biking, and swimming and boating opportunities. Auburn's historical sister town, Opelika, is a fifteen-minute drive and has become known for its eclectic downtown offerings, including multiple breweries, boutiques, and hobby shops. The Atlanta Hartsfield International Airport is only 90 minutes away, with numerous shuttle service options to/from Auburn daily. Birmingham is a similar drive to the north, and Montgomery, the state capital, is only 50 minutes to the southwest. Beaches and mountains are only a 3–4-hour drive. Auburn University is understanding of and sensitive to the family needs of faculty, including dual-career couples.

Auburn University is an EEO/Vet/Disability employer

Minimum Qualifications

Qualifications: Candidates must have an earned doctorate in Computer Science, Computer Engineering, Electrical Engineering or a closely related field, upon start date. Additional qualifications include:

- Excellent written, organizational, and communication skills.
- Selected candidates must be legally authorized to work in the United States at the time of appointment and continue working legally for the term of employment.

Postdoctoral Fellow
Auburn University

Desired Qualifications

Special Instructions to Applicants

Process: Review of application materials will begin January 19, 2024 and continue until qualified candidates are selected and recommended for appointment. To be actively considered for this position, interested candidates must submit the following materials:

- A brief cover letter outlining their interest in the position
- A curriculum vita
- Copy of all relevant transcripts
- Contact information for three (3) references.

All application materials should be submitted to: **https://www.auemployment.com/postings/42538**

Contact Information

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

Contact

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