

Student Teaching Assistant and Research Intern for ECE 590

Duke Kunshan University

Job Description

Position Overview:

Duke Kunshan University is seeking to hire full-time student research fellows (interns) at the undergraduate or graduate level to work at Duke Kunshan University in Kunshan, China. The interns will work on Environment-dependent Bugs and will be supervised by Prof. Kishor S. Trivedi (<https://ece.duke.edu/faculty/kishor-trivedi>).

Duke Kunshan University is a partnership of Duke University, Wuhan University and the Municipality of Kunshan, China. The Duke Kunshan University campus is located 37 miles west of Shanghai in Kunshan, which is connected to Shanghai via a 15-minute high-speed train. Duke Kunshan University currently offers several graduate degrees and undergraduate programs. For more info, visit <http://www.dukekunshan.edu.cn>.

Duke Kunshan University is now initiating new education and research programs in applied physical sciences and engineering, focusing on computer engineering, data analytics, imaging and vision technologies, robotics, etc. The initiative aims to attract internationally renowned faculty members and highly motivated students to explore interdisciplinary education and research opportunities at Duke Kunshan University.

This position is located in Kunshan City, Jiangsu Province, China.

Reports to:

Prof. Kishor S. Trivedi

Essential Duties:

Under the supervision of Prof. Kishor S. Trivedi and independently (listed in descending order of time allocation and priority),

- Work with instructor to set up and grade teaching labs and course projects (preparing lab/project descriptions, lab/computer environment, project presentations, etc.) for ECE 590.
- Work with instructor to set up and grade homework (preparing questions, solutions, etc.) for ECE

590.

- Work with instructor to set up and grade mid-term and final exam (preparing questions, solutions, etc.)
- Work on other teaching-related tasks required by the course instructor for the ECE 590.
- Interact with academic and industrial collaborators from other institutions and organizations;
- Provide assistance to research work including but not limited to technical presentations and reports, academic publications, etc.;
- Any other research-related tasks required by the team leader.

Required Qualifications:

- Carry strong interests in academic research and technical innovation;
- Have strong interests in machine learning and natural language processing;
- Have extensive experience Android operating system.
- Enrolled in a degree-granting educational institution (both undergraduate and graduate students will be considered);
- Proficient and experienced in using Python;
- Hard working, fast learning, team building, and attention to details;
- Thrive working in a multidisciplinary environment;
- Excellent oral and written communication skills in both English and Chinese.

Application Process:

Review of applications will be on a rolling basis and continue until the position is filled. Submit your curriculum vitae in English with the subject line of “Environment-dependent Bug Research Intern Application” to Dkurecruitment-Intern@dukekunshan.edu.cn.