Summer Research Experience for Undergraduates (REU) in Intelligent Autonomous Vehicles

May 07 - July 20, 2018

Wright State University
Dayton, OH

cecs.wright.edu/reu

Ten Positions Open for Application

This NSF-funded Research Experience for Undergraduates program will expose undergraduates to the cutting edge research of intelligent autonomous vehicles and engage them in the development of innovative solutions. The research projects will focus on five crucial areas: integrated vehicle health management, adaptive and learning systems, navigation and sensor fusion, cyber security for connected vehicles, and human-vehicle interaction.

REU students will participate in professional development activities focusing on preparing for STEM careers and graduate school. Distinctive features of the program include: (1) a unique three-tier mentorship program involving faculty members, advisors from industry and the Wright-Patterson Air Force Research Lab (AFRL), and graduate students; (2) a professional skills development program that will help undergraduates acquire effective research and communication skills; (3) a combination of basic research and applied research.

This 11-week REU program includes a stipend of $6050, travel support to and from Dayton, and university residence hall lodging, and $660 food allowance.

Eligibility Requirements: US citizens or permanent residents enrolled as full-time undergraduates majoring in engineering, computer science, physics, mathematics, typically finishing their freshman, sophomore, or junior years. Women and minorities are particularly encouraged to apply. To apply, please visit the REU web site given above.

The review of applications will begin March 1, 2018 and will continue until all positions are filled.

QUESTIONS? Contact Dr. Xiaodong (Frank) Zhang (xiaodong.zhang@wright.edu or 937-775-4463)

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