Cyber-Physical Systems

Summer Intensive Research Internship

Creating Technology to Help People

June 1–July 30
Summer 2021

Applications
Open: January 1, 2021
Deadline: February 15, 2021

Program Description

What
• Introduces students to cyber-physical systems (CPS)
• Promote inclusive academic research environments in CPS
• Encourage student participation in graduate programs or employment in CPS-related fields

Who
• Sophomores, juniors, and seniors interested in CPS-related fields and in diversity & inclusivity
• Underrepresented students are particularly encouraged to apply

Where
• Students will conduct research in pairs at Purdue University

Why
• Develop basic research skills
• Obtain exposure to state-of-the-art research and engineering facilities
• Acquire preparation for graduate school
• Learn about professional and research opportunities in CPS

Projects

• Learning for control for autonomous systems
• Measuring human trust in autonomous systems
• Deep learning for robotic navigation
• Psychophysiological sensing of human workload and attention
• Improving self-driving cars for older adults

Fields of Study

• Computer Science
• Mathematics
• Statistics
• Electrical Engineering
• Mechanical Engineering
• Aerospace Engineering
• Computer Engineering

For more information and to apply:
autonomy.unm.edu
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