Postdoctoral Fellow

Department of Systems Design Engineering, University of Waterloo, Waterloo, Ontario, Canada

A postdoc position to start immediately is available in the Automation and Intelligent Systems (ACE) Group (https://uwaterloo.ca/automation-intelligent-systems-group/) who will be primarily responsible for creating novel safe and secure control design methodologies for connected and automated vehicles (CAVs). This position relates to a collaborative research project with a well-known Canadian software company for CAV cybersecurity enhancements.

Skills/Qualifications:

• Strong background in control theory, including model predictive control.
• Research experience in robust and resilient control design methods and cybersecurity attack detection techniques.
• Excellent communication, collaboration, and teamwork skills.

The position is initially for one year, but it is possible to renew it for one more year. Reviewing applications will be started immediately, and we will continue until the position is filled. A background check is also required as part of the final hiring process.

Highly motivated applicants with the required skills and qualifications are encouraged to send their CVs to Dr. Nasser L. Azad, Department of Systems Design Engineering Department, University of Waterloo, email: nlashgar@uwaterloo.ca.

Applications will be reviewed until the position is filled.