Hello,

The Faculty of Engineering and Applied Science is hiring up to three graduate students to support the Queen’s AutoDrive Design Team, one of only ten teams competing in the SAE and GM AutoDrive Challenge II. By the end of the four-year competition, the AutoDrive Team is aiming to achieve the goal of developing and demonstrating a fully autonomous passenger vehicle using the Chevrolet Bolt EUV.

The successful candidates will provide technical and project management assistance/oversight to the AutoDrive Challenge II Team in preparing for the annual competitions and provide supervision for associated student research and design projects.

Successful candidates will be currently enrolled in a graduate engineering or computer science program at Queen’s and will have:

- Sound understanding of core concepts in Engineering/Systems Design, Mechatronics and/or Robotics, particularly in one or more of Mobile Robotics, Autonomous Vehicles Engineering, Control Systems, Computer Vision, applied AI/ML, Sensors and Perception Systems.
- Hands-on skills in the mechanical, electrical and/or computer engineering fields,
- Strong written and oral communication skills,
- Strong interest in autonomous driving technology,
- Proven ability to work independently and in a group setting, and
- Initiative and creativity.

Successful candidates are expected to work no more than 5 hours per week on average until December 31, 2022, with possibility of renewal for the Winter term (Jan-April 2023). This work falls under the PSAC Local 902, Unit 1 as a Graduate Research Assistant Position. The hourly rate is $40.73 (plus 3% in-lieu of benefits and 4% vacation pay, totalling ~43.58/hour), as stated in the Collective Agreement. **Successful applicants must have the permission of their research supervisor to accept this position.** You must be eligible to work in Canada.

If you are interested, please submit a cover letter, unofficial transcript, and your resume by Wednesday October 26th at 11:59 pm to m.bouchard@queensu.ca.

If you have any questions, please feel free to contact me. We appreciate all applications but only those selected for an interview will be contacted.