

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.