Post-Doctoral Fellowship

Offroad Robotics at Queen's University, Canada

The Offroad Robotics research group at Queen's University—part of the Ingenuity Labs Research Institute—has an opening for a one-year post-doctoral fellowship in the field of mobile robotics research. Offroad Robotics is an interdisciplinary engineering research group. We are passionate about field and mobile robotics, state estimation, and systems control. Offroad Robotics is part of the NSERC Canadian Robotics Network. The Ingenuity Labs Research Institute is a collaborative research initiative at Queen's University focused on creating intelligent systems and robotic machines that enhance human productivity, safety, performance, and quality of life. Our expertise spans a continuum—from artificial intelligence, machine learning, and cyber-human systems, to robot control, smart sensors, and mechatronic devices. Through creativity, collaboration, and invention, our researchers strive to facilitate the complex interactions between humans, engineered machines and infrastructure, as well as their natural and social environments. Ingenuity Labs brings together researchers from across the engineering disciplines, and beyond, in order to foster innovative research, education, collaborations and partnerships with industry, communities, and the world.

The successful candidate will possess a PhD (or soon to be conferred) degree in Electrical, Computer, or Mechanical Engineering, or a related discipline, and have a strong record of research and publishing in the field(s) of mobile robotics, autonomous vehicles engineering, control systems, state estimation for robotics, applied AI, and/or another suitably relevant field. We are looking for a passionate researcher that can help lead an enthusiastic team of students and work on applied robotics research with international industry partners. The successful candidate will be a good communicator, work well in teams, and have references that can support this. Familiarity with the Robot Operating System (ROS), C++/Python programming skills, as well as robot and/or field hardware experience are considered assets.

For more information contact Dr. Joshua Marshall. For more information about working as a post-doctoral fellow at Queen's, visit https://www.queensu.ca/postdoc/home.

To apply, send your academic CV and a statement of interest to joshua.marshall@queensu.ca. The deadline for applications is September 30, 2019, or until the position is filled. If you do not receive a response within two weeks you may assume you were not selected for an interview.