

Posting Date: July 30, 2017

University of Toronto
Faculty of Applied Science and Engineering
Mechanical and Industrial Engineering Department

Area of Research: Augmented Reality and Human-Computer Interaction

Description of Duties: We are seeking a post-doctoral fellow to collaborate with a leading industry partner on the development of a novel, augmented reality-based navigation method. The fellow will also contribute to a research program exploring human performance in augmented reality environments.

Required Qualifications: Applicants should hold a PhD in engineering or computer science. Knowledge and relevant experience in related programming are required. Experience with gaming platforms such as Unity or Unreal Engine is advantageous. Knowledge of the fundamentals of geographic information systems and human-computer interface design is desirable. Candidates should be highly motivated, with an interest in augmented reality as an evolving mainstream technology and industry.

Excellent communication skills, strong independent research skills, and sensitivity to industry partner direction are also required. The candidate will be expected to work independently, provide leadership to an interdisciplinary team of graduate students, and produce publishable results.

Salary: \$45,000/year

Expect start date: January 2, 2018 (or earlier)

Term: 1 year will be available. An extension of funding to two years is possible, depending on project success and availability of funds.

FTE: 100%

The normal hours of work are 40 hours per week for a full-time postdoctoral fellow (pro-rated for those holding a partial appointment) recognizing that the needs of the employee's research and training and the needs of the supervisor's research program may require flexibility in the performance of the employee's duties and hours of work.

Application Instructions: The application package (to be emailed to P. Milgram) should include a cover letter and CV, including a list of 3 professional references.

Supervisor: Dr. Paul Milgram
Professor
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Closing Date: October 1st, 2017

Employment as a Postdoctoral Fellow at the University of Toronto is covered by the terms of the CUPE 3902 Unit 5 Collective Agreement.

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The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons/ persons of colour, women, Indigenous/ Aboriginal People of North America, persons with disabilities, LGBTQ persons, and others who may contribute to the further diversification of ideas.