

PhD position on “Resilience and Social Media Robots” at Ryerson University in Toronto, Canada

Project Title: “Resilience and Mental Health with Assistive Robotic Social Media Dialog.”

Description of Project:

This project is to build assistive robotic social media dialog technologies to improve mental health and resilience of special populations. The PhD student would prototype and evaluate cloud computing, voice and robot software and hardware to improve mental health and resilience by connecting people to emerging social media and conversational robot technologies.

Research & Learning Environment:

The student will work within a multidisciplinary research environment that includes a diverse group of students and researchers with backgrounds in engineering, social science and art. The position will be based in the Industrial Engineering department; however, it is possible for the students to take courses in other departments (please see <https://www.ryerson.ca/mechanical-industrial/graduate/programs-degree-requirements/>).

Requirements:

Knowledge of python and controlled experiments. Robot prototyping, dialog management, cloud computing APIs and/or natural language processing experience preferred.

Applicants must have completed a master’s degree in engineering or applied science. For full admissions and funding information, please see:

<https://www.ryerson.ca/graduate/programs/mechanical-industrial-engineering/> and <https://www.ryerson.ca/engineering-architectural-science/future-graduate/funding-options/>

Members of diversity groups (Aboriginal, women, ethnic minorities, LGBTQ2S and persons with disabilities) are highly encouraged to apply.

Location: Toronto, Canada

Application Deadline:

Friday, July 9, 2021

Start Date:

Winter 2022

To Apply:

Please email Jamy Li, Assistant Professor, Mechanical and Industrial Engineering, Ryerson University at jamy@ryerson.ca with your CV/resume and unofficial transcript.