

JOB POSTING: WAMIC20_02

JOB TITLE: Computer Programmer Research Assistant – Co-op
START DATE: January - April 2021
DEPARTMENT: Research and Innovation Division - WAMIC
SALARY: \$14.42 per hour

Located at the Welland Campus of Niagara College, the Walker Advanced Manufacturing Innovation Centre (WAMIC) provides small regional manufacturers access to needed facilities, equipment, technical expertise and serves to assist them in product development, technology adoption, expansion into new markets and commercialization.

Job Description

The successful candidate will work with the Walker Advanced Manufacturing Innovation Centre team. The work includes programming, testing and troubleshooting of interface software for development of web, cloud, and IoT technology services. You will work closely and collaboratively with WAMIC team to develop or upgrade products.

Education

Current student of Niagara College Computer Programmer (Co-Op) or Computer Programmer – Analyst. Relevant experience and/or expertise and enrolled as a Niagara College student, will also be considered.

Competency Areas

- Knowledge and experience programming with C#, .NET/.NET Core, ASP .NET/ASP.NET Core, SQL, Python, C, Docker, and/or the Angular Framework are all beneficial
- Knowledge of Javascript/HTML/CSS, cross-platform mobile development with JavaScript (Ionic, Cordova), and Android Studio environment
- Programming of data analysis and adjustments to data analysis methodologies
- Rigorous Software testing, troubleshooting, fixes
- Proficiency with the GitHub/GitLab repository system

Duties & Responsibilities

Work on a collaborative team to accomplish various programming tasks, including:

- Bug fixes, troubleshooting and modifications.
- Feature development and modification for in-house and company partner software.
- Implement robotic-based platforms (i.e. Arduino and Pi).
- Connect web software systems via API (Application Programming Interface)
- Determine the best methods to accomplish programming goals and needs
- Divide responsibilities and support other team members with their work as needed
- Discuss and recommend improvement areas for current tools
- Be self-directed and take initiative to start, test, and complete programming and testing tasks

Work Conditions:

- Prepared to work remotely and/or at the Welland campus
- Access to the internet, a computer and a web camera required
- T35 hours per week for the Winter co-op term (January – April 2021)

Email your resume, cover letter, transcript and class schedule to researchjobs@niagaracollege.ca by Friday, January 8, 2021 at 12:00 pm. Please reference COMPUTER PROGRAMMER CO-OP - WAMIC.

We appreciate all applications received, only those candidates selected for an interview will be contacted.