

JOB POSTING: WAMIC22_03

JOB TITLE: Software Programmer Research Assistant (Co-op)
START DATE: April 25 – Sept 2, 2022
DEPARTMENT: Research and Innovation – Walker Advanced Manufacturing Innovation Centre
SALARY: \$16.57 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 software applications and solutions as required by the industry partner. 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 of C#, .NET/.NET Core, ASP .NET/ASP.NET Core, SQL, and Python
- Experience with Docker, Angular Framework, and/or Xamarin platform is a great asset
- Knowledge of Javascript/HTML/CSS, cross-platform mobile development with JavaScript (Ionic, Cordova), and Android Studio environment
- Rigorous Software testing, troubleshooting, and fixes
- Proficiency with the GitHub/GitLab repository system
- Ability to work independently and collaboratively as part of a project team

Duties & Responsibilities

- Work with team members to determine coding best practices and client's technical specs for software
- Develop, modify, and test the software per client's specifications
- Debug the developed software and troubleshoot coding problems
- Connect web software systems via API (Application Programming Interface)
- Create software's technical documentation
- Divide responsibilities and support other team members with their work as needed
- Discuss and recommend improvement areas for current tools
- Attend planning and project-specific meetings as required
- Be self-directed and take initiative to start, test, and complete programming and testing tasks

Work Conditions:

- 35 hours per week; Monday to Friday 8:30am - 4:30pm
- On-campus position (Welland campus)
- All employees must comply with Niagara College's COVID-19 Mandatory Vaccinations for Campus Access Policy.

To apply, please your resume, cover letter, transcript and class schedule to researchjobs@niagaracollege.ca by **Wednesday, March 16, 2022 at 12 pm.** Please reference Software Research Assistant Co-op. We appreciate all applications received, only those candidates selected for an interview will be contacted.