

**JOB POSTING: WAMIC20\_02**

**JOB TITLE:** Computer Programmer Research Assistant – Co-op  
**START DATE:** October 2020  
**DEPARTMENT:** Research and Innovation Division - WAMIC  
**SALARY:** \$14.21 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 product development of advanced manufacturing research projects. The position could involve development of web/cloud/IoT services, and helping to develop cloud technology. You will work with senior team members in Advanced Manufacturing developing new products which require support in programming of Industry 4.0 applications.

**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

Email your resume, cover letter, transcript and class schedule to [researchjobs@niagaracollege.ca](mailto:researchjobs@niagaracollege.ca) by Friday, September 25, 2020 at 12:00 pm. Please reference COMPUTER PROGRAMMER RESEARCH ASSISTANT (WAMIC).

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