

JOB TITLE: Computer Programmer Research Assistant (Co-op)
STATUS: April – September - 4 months
DEPARTMENT: Research & Innovation
PAY: \$16.74 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, and commercialization.

MAIN FUNCTIONS: The Computer Programmer Research Assistant will have a comprehensive skill set to work with the WAMIC team, and Industry Partners on a variety of applied research projects. Hours completed during this work term can be used toward your co-operative placement hours. The Research Assistant will report to the Research Program Manager. The successful candidate's work could involve development of web/cloud/IoT services, and helping to develop robotics technology

DUTIES:

- 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
 - Contribute to the group's code base with GitLab
- Connect web software systems via API (Application Programming Interface)
- Determine the best methods to accomplish programming goals and needs
- Discuss and recommend improvement areas for current tools
- Be self-directed and take initiative to start, test, and complete programming and testing tasks

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
- Rigorous software testing, troubleshooting, and fixes
- Programming of data analysis and adjustments to data analysis methodologies

EMPLOYMENT REQUIREMENTS:

- Current student of Computer Programming & Analysis at Niagara College with a strong academic standing
- Creativity in developing new ideas for product development
- Demonstrates high level of organization and time management skills
- Demonstrates great attention to detail, quality, and accuracy
- Capable of working independently and unsupervised
- Ability to be a collaborative member of a team
- Demonstrates an uncompromised commitment to confidentiality & safety
- Ability to take initiative to complete tasks, ask for help, and seek solutions
- Ability to co-ordinate multiple tasks
- Ability to communicate with non-technical and highly technical individuals
- Comfortable making presentations to small/large groups

WORKING CONDITIONS:

- Co-operative Placement starting April – September 2023
- Work schedule is Monday to Friday from 8:30 am to 4:30 pm
- Reading text and documents
- Indoors, sitting and regular computer use
- On-campus position (Welland campus)

Please email your resume, cover letter, class schedule and transcript to researchjobs@niagaracollege.ca by **Wednesday March 22, 2023 by 12 pm**. Please reference Computer Programming Research Assistant in the subject line.