

Peter Revington

[Personal Site](#) | [GitHub](#)

previngt@my.centennialcollege.ca

Motivated engineering graduate with professional project management leadership experience. Excellent technical and communication skills combined with personable qualities formed through exchange programs and captaining sports teams.

TECHNICAL SKILLS

PROGRAMMING: C#, JavaScript, Java, MATLAB, Python, C++, HTML, Git, SQL, ASP.NET

SOFTWARE: Azure, Microsoft Office applications – advanced Excel and VBA Macros, Unity, Blender, Ranorex

PROTOTYPING: Knowledge of electronics, circuit design, Arduinos, basic machine shop training

EDUCATION

Select Courses Related to Software Engineering Technology & Game Programming

2021 - Present

Centennial College, Scarborough, Ontario

- Created **30+ quality projects** utilizing Java, C#, C++, Unity, UE4, Blender, HTML, MySQL databases
- Coursework includes software systems design, web application development, assets for game development (in 3D & 2D), game and simulation programming, data structures and algorithms
- GPA of **4.4/4.5**

Bachelor of Applied Science, Engineering Physics, Mechanical Option

2015 - 2020

Queen's University, Kingston, Ontario

- **Dean's Scholar for academic excellence** for maintaining a competitive GPA in all four years
- Professional 12-month Internship Program with Work Management Department at Bruce Power
- Coursework included advanced vector calculus, differential equations, quantum mechanics, control theory, fluid mechanics, thermodynamics, computation physics, statistics

PROFESSIONAL EXPERIENCE

[CAAT Pension Plan](#) – Toronto, Ontario

Software Development Student – Product Management – Online Tools

Summer & Fall 2022

- Utilized **C#, JavaScript, HTML and SQL** skills to help fix bugs of online tool applications, to add new tool features when required, and to increase security of a data collection tool with user input sanitization
- Completed manual testing of DBplus pension estimator date pickers to ensure they functioned as intended
- Conducted automated testing of DBplus pension estimators with **Ranorex** which involved setting up testing scripts, creating test files, and debugging pension expected results files
- Made CAAT website pension estimator accessibility improvements by making dropdown lists screen-reader friendly and by fixing other formatting bugs

[Kinectrics](#) – Tiverton, Ontario

Project Engineering Lead – Bruce Power Site

2020 - 2021

- Successfully **coordinated and executed** main Unit 0 freight elevator modernization project in Bruce A station
- Demonstrated leadership while supporting execution of [Bruce Power's Unit 6 Major Component Replacement critical path](#) Reactor Area Bridge ball screw removals and became Project Engineering Lead for Fuel Handling's Central Service Area Bridge ball screw replacement projects
- Became familiar with engineering and project management fundamentals by chairing meetings with project vendors, by planning project logistics, and by coordinating the execution and completion of work

[Bruce Power](#) – Tiverton, Ontario

Work Management Development Student Intern – Queen's University Internship Program

2018 - 2019

- Worked with **equipment out-of-service risk analysis software** to aid with data driven scheduling of work
- Calculated and reported on Bruce B Work Management Department **key performance indicators**
- Demonstrated my **high degree of accuracy and attention to detail** when conducting analysis of data

[Institut polytechnique de Grenoble – IMEP-LAHC](#) – Grenoble, France

Student Intern through Ontario/Rhône-Alpes Summer Research Program

Summer 2018

- Undertook independent summer internship project involving construction of a **photothermal optofluidic microsensor** based on a Young interferometer for chemical analysis
 - **Fluent oral** and intermediate written **French**
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