

# Peter Revington

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

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Motivated engineering graduate and game programming student with professional leadership experience. Excellent analytical and technical abilities combined with personable qualities formed through exchange programs and captaining sports teams.

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## TECHNICAL SKILLS

PROGRAMMING: Java, JavaScript, C#, MATLAB, Python, HTML, Git, C++

SOFTWARE: Unity, Blender, LabVIEW, Maple, advanced Excel and VBA Macros, P6 Primavera, MySQL

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

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## EDUCATION

**Software Engineering Technology - Game Programming Advanced Diploma, Co-op Program** 2021 - Present  
Centennial College, Scarborough, Ontario

- ♦ Fast-tracked program with **4.3/4.5 GPA**
- ♦ Created **25+ projects** utilizing Java, Unity, C#, Blender, MySQL databases
- ♦ Coursework includes software design, web application development, assets for game development (in 3D & 2D), game and simulation programming, data structures and algorithms

**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, electromagnetic theory, heat transfer, thermodynamics, computation physics, statistics

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## PROFESSIONAL EXPERIENCE

[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
- ♦ Proved my ability to work collaboratively with diverse teams in **high-paced environments**
- ♦ Became familiar with engineering and project management fundamentals by chairing meetings with project vendors and by conducting station inspections to verify assumptions and understand plant systems

[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 high attention to detail and outstanding problem-solving skills when conducting analysis of data for metrics

Civil Maintenance Summer Student 2017

- ♦ Performed landscaping and outdoor maintenance work
- ♦ Learned to use professional **human performance tools** such as procedure use and adherence, three-way effective communication, and self-checks

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

Student Intern through Ontario/Rhône-Alpes Summer Research Program 2018

- ♦ Undertook independent summer internship project involving construction of a **photothermal optofluidic microsensor** based on a Young interferometer for chemical analysis
  - ♦ Learned elementary clean room fabrication techniques and microtechnology fundamentals
  - ♦ Obtained experience working with lasers in a professional clean-room laboratory environment
  - ♦ **Fluent oral** and intermediate written **French**
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