Howard Pearce

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Education

Dalhousie University   -   Computer Science (Co-op) | Fall 2016 - Present   -   Finishing fourth year.

Technical Skills

Proficient in the following languages:

Java, Python, C, C++, HTML, CSS, and Javascript

Secondary languages:

C#, PHP, MySQL, VBA, ASP

Technologies I am familiar with:

Photoshop, Microsoft Suite, Linux

Non-Technical Skills

Teamwork and leadership skills acquired through:

Years of competetive sports

Collaboration in both academic and workplace settings.

Creativity and design principles via the following:

Woodworking

Website design

Academic achievements

- Maintained a GPA of 3.5 throughout my Computer Science degree.

- Always commited to creating high quality and legible code for course-work.

- Collaborated on several group projects throughout the course of my degree on varying topics such as app development, machine learning and research projects.

- Active member of the Dal Esports society (DES), Computer Science society (CSS), and co-founder VP of the Dalhousie ethical hacking society (DEHS).

Work experience

Pratt & Whitney Canada | *May 2018 - August 2018* | **Web and application developer**

- Created multiple PHP and C# applications focused on reporting of data.

- Employed UX and design principles in applications for a non-technical audience to use effectively.

- Wrote supporting documentation for use of the applications I created.

Ultra Electronics Maritime Systems | *Multiple terms* | **Co-op Software Developer**

- Worked at Ultra for 2 Co-op Terms: January 2019 - April 2019 and September 2019 - December 2019

- Wrote Java and C++ code to resolve existing errors in codebase.

- Created new GUI panels for engineers to use during test trials.

- Collaborated with software and electrical engineers to complete work in agile methodology.

- Created automated hardware testing scripts using python to save time and standardize test procedures.

- Utilised Git, Jira, and Bitbucket to manage codebase.

Hobbies and interests

Athletics

- Consistently played sports since a young age such as hockey, baseball, soccer and football
- Community Crossfit sessions on Saturdays at IronStone fitness
- Strength and cardio training at my local gym

Making

- Exploring traditional and modern methods of carpentry to make personal furniture and accessories.

- Experimenting with digital electronics and their applications in personal creations.

- Prototyping with a brand of programmable circuit board named Arduino.

Extracurricular CS

- Multiple passion projects using concepts learned in-class.

- Multiple websites built from scratch, including this resume made with HTML.

- Installed, configured and styled i3 window manager and other software to linux distribution (known as ricing).