

Andrew Wiggins

Email: xandrewwiggins@gmail.com

SKILLS & PROJECTS

Projects

- Personal website built using React, Next.js, Sass, and Now
- AI development education tool built with C and Python
- Tetris clone made using the HTML Canvas and JavaScript
- Genetic algorithm solving maximally distance block codes in Python
- Web application for board game Go with MongoDB database
- Simple File System written in C
- FreeRTOS / C, earliest deadline first scheduler

Programming Skills

JavaScript, Python (2.7, 3.x), C, MATLAB, HTML, CSS, SASS, Java, R, ARM Assembly, SQL, Git

Libraries & Frameworks

React, Vue.js, Next.js, jQuery, Numpy, Matplotlib, Pandas, scikit-learn, Sass, Bootstrap, Selenium, Now, MDX

Soft Skills

Teamwork, Communication, Self-Motivation, Problem Solving, Analysis

Tools

Atlassian Suite (JIRA, Confluence, SourceTree), Windows, MacOS / OS X, Linux, Microsoft Office Suite, Git, GitHub, Vim, Jenkins, Agile, Visual Studio, VirtualBox, Hyper-V

WORK EXPERIENCE

Reliable Controls, Victoria, BC — *Software Developer Co-op*

May - Aug 2017, May - Dec 2018

- Lead web developer on RC-RemoteAccess
- Developer for RC-WebView
- Introduced Vue.js into web apps, prototyped redesigns

Zimmer Biomet, Burnaby, BC — *Warehouse Supervisor*

SUMMERS 2011 - 2016

- Managed shipping/receiving orthopaedic surgical implants and instruments
- Organized warehouse stock, helped redesign layout
- Implemented online image tagging system for surgical instruments

EDUCATION

University of Victoria

Bachelor of Software Engineering
April 2020 | Victoria, BC

LINKS

GitHub: github.com/awiggs

Website: awiggs.ca

LinkedIn: [/in/awiggs96](https://in.linkedin.com/in/awiggs96)

INTERESTS

Reading, movies, music, history, hockey, fishing, board games, video games with friends, baking.

AWARDS

Natural Sciences and
Engineering Research Council
(NSERC) Experience Award -
\$4000

REFERENCES

Richard Mosher

Software Manager
Reliable Controls
Contact available upon request

Damian Mann

Senior Software Developer
Reliable Controls
Contact available upon request