

Connor Fong

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Technical Skills

Programming Languages:

C, C++, C#, CSS, HTML, Java, JavaScript, SQL

Frameworks and Libraries:

Bootstrap, Bulma, Express, .NET, NodeJS, ReactJS, Unity Engine

Development Tools:

Bazel, Docker, Git, JUnit, MongoDB, MySQL, Postman, Robo3T, Travis CI, VS Code

Work Experience

Xperiel – San Francisco Bay Area, CA

May 2019 – Present

Software Engineer (Co-op)

- Developed a new device testing framework in C++ to optimize test writing, and error detection
- Communicated with senior engineers to ensure that assignments were well documented and completed efficiently

PNI Digital Media – Vancouver, Canada

May 2018 – May 2019

Junior Developer (Co-op)

- Developed enterprise scale .NET e-commerce applications for over 60 million active users in Europe and North America
- Designed application features that saved 10 hours of development and manual testing per week
- Quickly implemented hotfixes to ensure that services were constantly available for online customers

MindfulGarden – Vancouver, Canada

May 2017 – January 2018

Software Developer

- Wrote C# code to develop application software and user interfaces for elderly clinical patients
- Provided input on product features to ensure that the development timeline aligned with the company's needs and responsibilities
- Tested hardware from various companies around the world to create a list of appropriate interaction devices

Engineering Student Teams

UBC Launch Pad

September 2018 – Present

Software Engineer

- Developed a ReactJS and NodeJS internship web application to allow students to find a large volume of workplace opportunities quickly
- Managed the git repository workflow to consistently deploy tested, and safe code changes

UBC Concrete Toboggan

September 2017 – Present

Electronic Sub-Team Leader

- Designed a sensor data-logging system to provide force, and acceleration metrics to other engineering sub-teams
- Organized meetings and assigned tasks to team members to ensure that project progress met deadlines

Hackathons

nwHacks – Western Canada's Largest Hackathon

January 2019

sPARTYfy

- Built a ReactJS and NodeJS web application that allowed users to queue up music, vote, and compete for likes against their friends using the Spotify API
- Placed in the top 20 hackathon entries

Lumohacks – Hackathon for Mental Health

September 2018

Senti

- Built a Google Chrome Extension that used computer vision to recognize emotions and the psychological impact of websites a user visits
- Placed in the top 15 hackathon entries

Projects

Portfolio Website

January 2019

- Developed a ReactJS based website to display professional information such as technical skills and work experience

Restaurant Review Database

November 2017 – December 2017

- Programmed a multithreaded Java database application to allow users to query through restaurant reviews, rankings, and locations
- Updated and managed an extensive 100% code coverage test suite through JUnit to verify that the application remained functional after each code commit

Education

University of British Columbia

September 2015 – Present

Bachelor of Applied Science – Computer Engineering