

Johnny Liao

CONTACT

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TECHNICAL SKILLS

Java	C/C++
JUnit	Python
Javascript	SQL
HTML/CSS	R

EDUCATION

University of British Columbia
Bachelor of Science

Computer Science and Statistics
Combined Major
Sep. 2018—Present

INVOLVEMENT

Sponsorship Coordinator –
Science Undergraduate Society

HARD SKILLS

Object-Oriented Design
Web Development

SOFT SKILLS

Teamwork
Leadership
Communication
Critical Thinking
Conflict Resolution
Attention to detail

WORK

UBC Recreation Operations Staff Aug 2019 – Present

- Assisted customers who were interested in using UBC's facilities
- Trained in first aid in case of any emergencies

HACKATHONS

NWPlus Local Hack Day, Vancouver Nov 2019

- Helped create a natural language processor app that records real time audio and analyzes pronunciation and fluency.
- App returns a visual assessment of the user's pronunciation and points out flaws in pronunciation.

Technologies: CSS, HTML, React Native, Speechace API, Javascript

BizHacks, Vancouver Jan 2020

- Trained a model to analyze images using a machine learning API to return and classify relevant terms.

Technologies: Javascript, Imagga API

Projects

Text Based Tic Tac Toe Feb 2020

- Random number generator algorithm to operate an AI for single player use. Supports multiplayer game mode.

Technologies: Python

Pokemon Interactive Battle Simulator May – July 2018

- Created a GUI to respond to user inputs.
- Implemented music files to add background theme to the game
- Created AI opponent using randomizer
- Optimized file structure for scalability

Bright Ideas Competition Feb – Apr 2018

- Co-designed and developed a website for microbusiness that generated over \$900 in revenue 2 weeks after launch
- Placed 1st overall and won best marketing award

Technologies: HTML, CSS