WESLEY CHOI

VANCOUVER, BC · 604-838-7793 · WESLEYHCHOI@GMAIL.COM
 Wesley-Choi   wesleychoi.github.io   wesleychoi

EDUCATION

Bachelor of Science, Computer Science
University of British Columbia
2019 – 2024 (expected)

TECHNICAL SKILLS

Web Development: HTML/CSS3, React, JavaScript (ES6)*
Programming: Java, Python*, C/C++*
Creative/Prototyping: Illustrator, Photoshop, Premiere Pro, Figma
Tools: Expo, Github, Git, JUnit5
*Currently Acquiring**

WORK EXPERIENCE

Graphic Designer
TFC Designs
June 2017 – August 2019
By Commission, 2016 - Present
- Responsible for working on various commissions, jersey designs, and logos
- Communicated with clients, researched for design preferences, realization of designs and mockups using Adobe Creative Suite

Lifeguard/Swimming Instructor
City of Vancouver
October 2017 – Present
- Facilitated public safety by monitoring aquatic activities

INTERESTS

Ultimate Frisbee
- Competed with Under 20 Team Canada team and UBC Men's Ultimate team
- Coach for Vancouver Misfit club and Eric Hamber Secondary

TECHNICAL VOLUNTEERING

Front End Development Intern
Dive Chat, June 2020 – August 2020
- Implemented multiple features and screens on mobile application, including Edit Profile and Settings layout, using React and React Native
- Integrated analytics and user metrics using Firebase and Google Analytics

Volunteer Developer
Ultimate Canada Data Analytics Working Group
December 2020 - Present
- Assisted in refactoring Trialist app for use by high performance Ultimate Frisbee teams in Canada
- Analyzed React codebase and deprecated code to facilitate updating to newer version, create UML diagrams, and write a comprehensive technical manual

PROJECTS

eXamine – Python Application   January 2021
- Created face-recognition application for student ID verification in online exam invigilation
- Implemented OpenCV, NumPy, and Face-Recognition libraries to detect and cross-verify exam attendance with student IDs
- Technologies: Python, TKinter

meetmap – Web Application   June 2020
- Developed live map to display current population density in an area for Covid-19 safety
- Deployed Google Maps and Places API from Google Cloud Platform to create live heatmaps and map search functions
- Technologies: HTML, CSS, JavaScript

JotBot – Chrome Extension   May 2020
- Designed a Google Chrome extension to help students take notes and make webpages more accessible
- Implemented Optical Character Recognition (OCR) and Google Tesseract.js to convert webpages and images to text
- Technologies: HTML, CSS, JavaScript

CheckPoint – Web Application   April 2020
- Incentivized student productivity by a point-based rewards system for completing tasks
- Implemented class login system and rewards system using MySQL database and PHP scripts
- Technologies: HTML, CSS, PHP, MySQL