

# Brandon Campbell

STUDENT AND SOFTWARE ENGINEER

Greater Seattle Area

☎ (+1) 253-509-8713 | ✉ [brandon.camp.bell@outlook.com](mailto:brandon.camp.bell@outlook.com) | 🏠 [www.bmcampbell.com](http://www.bmcampbell.com) | 📺 [/brcamp13](#) | 🌐 [/in/brandon-m-cbell](#)

## Education

### Washington State University (3.1/4.0 GPA)

Pullman, WA

B.S. IN COMPUTER SCIENCE

Aug. 2016 - Dec. 2020 (expected)

- **Relevant Coursework:** Advanced Data Structures, Computer Architecture, Programming Language Design, Software Engineering Principles, Algorithms, Unix/Linux Systems Programming

## Experience

### Freelance Web Developer

Pullman, WA

SELF-EMPLOYED

Jan. 2019 - Present

- In the preliminary stages of reaching out and building websites for non-chain restaurants in the town my University is located (Pullman, WA)
- I intend on using React to build elegant single-page websites

### Undergraduate Research Assistant

Pullman, WA

WASHINGTON STATE UNIVERSITY

Oct. 2018 - Jan. 2019

- Worked under the leadership of Dr. Haipeng Cai, a professor at WSU
- Used Python to parse CSV files containing over 1 million entries
- Utilized the Simidroid and Deguard software to deobfuscate and compare Android APK files

## Programming Skills

PROGRAMMING LANGUAGES

- C++, C, Java, Python, MIPS Assembly

LIBRARIES + FRAMEWORKS + OTHER

- Version Control (Git + GitHub), Agile/Scrum, Android Studio, Bootstrap, HTML, CSS, React.js, Data Structures, Design Patterns, SQL, Linux OS, Systems Programming in C, Object-Oriented Programming Design

## Notable Projects

### Tetris

Pullman, WA

A NUMBER TETRIS GAME MADE WITH JAVA

Dec. 2018

- Course project for CS 355: Programming Language Design
- Allows users to play a Tetris-like game, where number blocks must be connected in groups of 3 or more to score
- Provided me with valuable Java experience

### Lost In The Woods

Pullman, WA

ANDROID APPLICATION

Oct. 2018

- Assists users in finding their way home when without a map in a trail system
- Created with Java
- Unit testing conducted with JUnit
- Available on the Google Play Store

### Facial Recognition Web App

Pullman, WA

CUMULATIVE PROJECT FOR THE UDEMY COURSE: "THE COMPLETE WEB DEVELOPER IN 2018: ZERO TO MASTERY"

May, 2018

- React application that allows users to upload photos and have them scanned for faces
- Used React, Node.js, PostgreSQL, Clarifai API (machine learning functionality), and deployed on Heroku
- Cultivated my understanding of the entire web development life cycle of an application