Brandon M. **Campbell**

Software Engineer

Greater Seattle Area

(+1) 253-509-8713 | brandon.camp.bell@outlook.com | 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

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 Progamming in C, Object-Oriented Programming Design

Notable Projects

Facial Recognition Web App — *Pullman, WA*

React Application Utilizing a Machine Learning API — *Dec. 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

Tetris — *Pullman, WA*

A number Tetris game made with Java — *Dec. 2018*

- Course project for CS 355: Progamming 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