

Brandon M. Campbell

SOFTWARE ENGINEER
Greater Seattle Area

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Education

Washington State University (3.20/4.0 GPA)

Pullman, WA

B.S. IN COMPUTER SCIENCE

Aug. 2016 - Dec. 2020 (expected)

- **Relevant Coursework:** Advanced Data Structures, Computer Architecture, Programming Language Design, Calculus I-III, Linear Algebra

Experience

Software Engineering Intern

Pullman, WA

WASHINGTON STATE UNIVERSITY

Oct. 2018 - Present

- Using Java, Python, and Shell Scripts to develop key features for the EvoTaint incremental taint analysis software for Android Applications
- This software should result in a significant decrease in the amount of time it takes to run a taint analysis on an Android application
- Working as an unpaid intern as I am passionate about gaining relevant development experience, and I am passionate about exploring new technology

Technology Specialist

Gig Harbor, WA

OFFICE DEPOT

May. 2016 - Aug. 2016

- Educated customers on technology products (computers, software, tablets) and assisted in computer setups and repairs
- Adeptly fixed computer issues that customers had

Programming Skills

PROGRAMMING LANGUAGES

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

LIBRARIES + FRAMEWORKS + OTHER

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

Notable Projects

Facial Recognition Web App

Pullman, WA

REACT APPLICATION UTILIZING A MACHINE LEARNING API

June. 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

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, XML, Android Studio
- Unit testing conducted with JUnit

Kubernetes Blog

Pullman, WA

JEKYLL BLOG DEPLOYED WITH KUBERNETES

Aug. 2018

- Used Kubectl, Docker, and Nginx
- Served as an introduction to using Kubernetes