Jason O'Brien

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Education

Bachelor of Science in Computer Science - Oregon State University | 3.6 G.P.A. | 2016 - 2020

- Computer Systems Option
- Relevant Coursework:

Analysis of Algorithms	Web Development	Data Structures
Digital Logic Design	Operating Systems	Software Engineering
Computer Organization & Assembly Language	Mobile and Cloud Development	User Interfaces

Skills

- Proficient programmer in C++, C, CSS, Python, Haskell, JavaScript, and React
- Excellent verbal and written communication skills

Work Experience

Software Engineer Summer Intern | CDK Global | Portland, OR | June 2019 - August 2019

- Implemented a fully functional iPad UI for Drive Flex, CDK Global's new DMS, through CSS and React
- Developed a demo with React that would allow for owners of multiple dealerships to set service prices remotely for all individual dealerships remotely through the new DMS
- Presented and defended ideas to developers in daily stand-up meetings

CS16X Teaching Assistant | Oregon State University | Corvallis, OR | August 2017 - Present

- Held weekly office hours where I helped debug student's assignments
- Graded over 100 students on intro level C++ coursework
- Lead laboratory sessions to educate students on course material
- Taught weekly recitations where I lectured on course material and assessed students

Cloud Infrastructure Summer Intern | Intel | Hillsboro, OR | June 2015 - August 2015

- Developed and successfully submitted patches to OpenStack, an open-sourced cloud-operating program
- Worked as an individual and as a team to create software that aided the existing program that Intel employees used to gather information for their servers
- Learned GO to create server plugins for Intel server telemetry software

Projects

HazAdapt Offline Communications | 2020 | Senior Project

- An emergency preparedness app where users connect to an offline chatroom through our Raspberry Pi servers to receive help when there is no wifi or cellular service available
- The iOS and Android app is developed with React Native and connects to a Rasberry Pi that acts as a wifi hotspot

Oregon State Event Map | 2018 | **GitHub** | Group Project

- A full functioning website where users can post social events which then can be filtered and displayed on a map of Oregon State University using Handlebars for the front end, NodeJS for the server, and MongoDB for the back end