

NICHOLAS PRUSSEN

Seeking a Summer 2020 Internship

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CAREER OBJECTIVE

I seek a challenging and innovative environment where I will be able to continue to learn and advance my skills into the future.

I wish to hone my skills and continue to learn in every possible task, only limited by how much time is in a day.

WORK EXPERIENCE

Student Researcher

Boise State University

January 2020 – Ongoing Boise, ID

- Working alongside professors and students to create data flow optimizations with programming languages and transformations.
- Currently doing Web Development to integrate benchmarks results stored in MongoDB to be displayed on a dynamic website.

Python MongoDB React HTML/CSS Charts.js

Warehouse Worker

Norvaco International, Inc.

May 2019 – August 2019 Sumner, WA

- Processed international shipments headed to warehouses for multinational retail stores.
- Unloaded and organized shipping containers.

Cashier/Cook

Little Caesars

December 2016 – June 2018 Federal Way, WA

- Worked as both a Cashier and Cook and took on responsibilities of a Shift Lead without a promotion due to me being under the age of 18.

EDUCATION

Bachelor of Computer Science

Boise State University

January 2019 – Ongoing Boise, ID

Programming Languages Data Structures Databases
Discrete Mathematics

Bachelor of Computer Science

Montana Technological University

August 2018 – December 2018 Butte, MT

CS121 Calculus I

PROJECTS



Wumpus World App

This was a recreation of my CS121 final project into an Android app to help me learn app development. The final release can be found on the [Google Play Store](#)

Android Java Android Studio



Adapt Lidar Tools

An array of C++11 tools for processing full-waveform lidar data.

C++11



Parflow Performance Testing

Parflow is a hydrology model used to simulate ground water across CONUS. Through Boise State, I have been working with the Hydroframe team in making benchmark results for Parflow more easily accessible.

Python MongoDB HTML/CSS React

SKILLS

Software (Frontend)

- HTML, CSS

Software (Backend)

- MongoDB, MySQL, NGINX, Apache, Docker, React, Flask

Other Software

- Git, Vim, Android Studio, VS Code, VS, Eclipse

Hardware

- System Building and Maintenance, Bread Board Circuitry, FPGA Programming

System Administration

- Systems: Windows 7-10, Debian and Arch based Linux
- Personal Home Server (CentOS), Dual-Booted Main System

Languages

- C, C#, Java, Python, TCLSH, Bash, SQL

OTHER INTERESTS

Photography Games Drawing

Camping (BSA Eagle Scout) Cooking