NICHOLAS PRUSSEN

Seeking a Summer 2020 Internship

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CAREER OBJECTIVE

I seek a challenging and industry leading environment where I can continue to learn and lend my knowledge of Computer Science to help your organization continue to innovate.

I wish to build 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
Norvanco International, Inc.

📅 May 2019 – August 2019 📍 Sumner, WA

- Seasonal job over summer break.
- 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 – December 2021 📍 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
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 Backpacking Drawing

BSA (Eagle Scout) Cooking