

NICHOLAS PRUSSEN

Currently employed by Hewlett Packard Enterprise (HPE)

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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

Intern

Hewlett Packard Enterprise (HPE)

📅 May 2021 – Ongoing 📍 Boise, ID

- Working alongside a storage focused team creating proprietary internal tools.
- Currently doing bug prediction and cutting down on time taken to diagnose duplicate errors.

Python MongoDB Vue.js Flask Node.js

Student Researcher

Boise State University

📅 January 2020 – May 2021 📍 Boise, ID

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

Python MongoDB React.js HTML/CSS Chart.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.

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.js



Personal Website

This was my first real undertaking into React.js and helped teach me the structure and layout of React.js projects.

HTML/CSS React.js

SKILLS

Web Dev Frontend

- HTML, CSS, React.js, Chart.js, Node.js, JQuery, PHP

Web Dev Backend

- NGINX, Apache, Flask, PHP

Database Management

- MongoDB, MongoDB Compass, MySQL, MySQLWorkbench

Other Software

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

Hardware

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

System Administration

- Systems: Windows 7-10, Debian and Arch based Linux

EDUCATION

Bachelor of Computer Science

Boise State University

📅 January 2019 – December 2021 📍 Boise, ID

- Programming Languages
- Data Structures
- Databases
- Discrete Mathematics
- Algorithms

Bachelor of Computer Science

Montana Technological University

📅 August 2018 – December 2018 📍 Butte, MT

- CS121
- Calculus I

- Personal Home Server (CentOS), Dual-Booted Main System

Languages

- Python, Java, JavaScript, C, SQL

OTHER INTERESTS

- Photography
- Backpacking
- Drawing
- BSA (Eagle Scout)
- Cooking