

Skills & Qualifications Summary

I've had a lifetime fascination with computers and electronics, including 6+ years of specific experience as a computer repair technician, diagnosing and fixing hardware and software issues. I have good communication skills; whether working on a team or with an individual, I am able to explain complicated issues in a clear manner. I am a fast, eager, and passionate learner, and I am enthusiastic about gaining new skills through both work and personal projects.

I am experienced with Java and Python, as well as with full-stack web development in HTML, CSS, JavaScript (jQuery), PHP, Django, and SQL. I am also proficient in LaTeX, the UNIX/Linux command line, and Git, and I have some experience with C and TCP/IP networking.

Education

Ingraham High School (2015)

- IB Diploma Recipient

University of Washington Computer Science (2019)

- B.S. Computer Science anticipated 2019

Relevant Coursework

- CSE 143x – Computer Programming I/II
- CSE 351 – Hardware/Software Interface
- CSE 311 – Foundations of Computing I
- CSE 332 – Data Structures and Parallelism (in progress)

Projects & Activities

Dubhacks — Participant, October 2016

- Our team designed a website to connect the homeless population of Seattle with relevant resources.

First Robotics Competition Team 4030 — Lead Web Developer, 2013-2015

- Led the development of an open-source, web-based, aggregated data collection and processing application to track competitors' strengths and weaknesses, which was used by over 500 teams during the 2015 competition season. Website is online at frcscout.com.
- Nominated for the Dean's List Award in 2014.

Sloth Pages — 2015

- Developed a website allowing teachers to post information about class announcements, assignments, links, and files.
- Students can keep track of their coursework without needing to create an account.
- Online at: slothpages.com.

Work and Volunteer Experience

Progressive Tech (Seattle, WA) – Computer Repair Technician & Internal Tools Development, 2009-2017

- Worked part time throughout high school and college.
- Performed diagnostic and repair work on laptops and desktops, with Windows, Mac OS, and Linux.
- Implemented and maintained Ubuntu Linux and Windows servers for operating system deployment (WDS and FOG).
- Formulated improved strategies for repair and data recovery processes.
- Developed web-based software tools for streamlining and standardizing repair quotes.
- Helped to design and build out new networking infrastructure.
- Gained experience with customer service, and explanation of complex problems.

Tutoring and Independent Consulting

- Worked with children and adults, tutoring in math, programming, and computer skills.
- Performed independent computer repair and web development work for individuals and businesses.

Canoe Island French Camp (Canoe Island, WA) – Maintenance Volunteer, Summer 2014

- Worked in a small group to maintain and improve camp facilities.

References: available upon request.