

CHASE VERBOUT

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Recent graduate from the University of Washington with a degree in Geography: Data Science. Currently in pursuit of an M.S. in Computer Science through Portland State University, I am largely focused on becoming a software engineer and captivated by the potential future applications of AR/VR. I am motivated by my passion to be a part of an incredible process that is what I consider to be, the creation of new worlds for the benefit, enjoyment, and exploration of users. It is my hope to be a valuable and contributing member of an organization that holds the same outlook on the interrelation of technology and people.

EDUCATION

Portland State University

Postbaccalaureate Computer Science Graduate Preparation
- *Transitions into Computer Science M.S. in Winter 2023*

Portland, OR
Cumulative GPA: 4.0

The University of Washington

B.A. Major in Geography: Data Science

June 2021, Seattle, WA
Cumulative GPA: 3.54

RELEVANT SKILLS & COURSEWORK

QGIS, ArcGIS, SQL, PostgreSQL – Proficient – University of Washington

GEOG 317 – GIS and Spatial Analysis | GEOG 360 – GIS and Mapping | GEOG 458 – Advanced Digital Geographies | GEOG 461 – Urban GIS | GEOG 465 – GIS Database and Programming | GIS course – GEOG 482 –GIS Data Management

R – Intermediate – University of Washington

INFO 201 – Technical Foundations | SOC 225 – Data and Society

JavaScript – Intermediate – University of Washington

CSE 142 – Computer Programming I | CSE 143 – Computer Programming II | CSE 373 – Data Structures and Algorithms

Python – Intermediate – University of Washington

CSE 160 – Data Programming | CSE 416 – Intro to Machine Learning | CSE 495 – Project Practicum

C++ – Proficient – Portland State University

CS 162 – Intro to Computer Science | CS 163 – Data Structures | CS 250 – Discrete Structures I | CS 251 – Discrete Structures II | CS 202 – Programming Systems

C – Beginner – Portland State University

CS 201 – Computer Systems Programming

In-progress: CS 333 – Operating Systems | CS 350 – Computer Algorithm Efficiency

Additional Knowledge: HTML, CSS, GitHub, Vim, Unity (C#)

WORK EXPERIENCE

Open Source Project Management Intern | King County Metro | Seattle, WA | May 2021 - September 2021

This internship was an extension of my work at UW for CSE 495. Led by Anat Caspi, the Director of the UW Taskar Center for Accessible Technology (TCAT), I performed tertiary work that assisted with their OpenSideWalks (OSW) program. Through this, I was introduced to King County Metro (KCM) and their CommonPaths program that operates with the same data and structures as OSW.

- Played a role in the development of King County Metro's CommonPaths program.
- Designed technical documentation for the CommonPaths open-source licensing, purpose, process, and GitHub source code management.
- Operated as an intermediary between the development team and the KCM team through scheduled meetings and frequent collaboration.
- Developed a short-term, mid-term, and long-term plan for CommonPaths as aligned with the goals and aspirations of KCM.

Volunteer | PSU Computer Action Team | Portland, OR | September 2021 - Present

The Computer Action Team at Portland State University is the De facto IT department for the Maseeh College of Engineering and Computer Science.

- Assist users, including students, faculty, and professors, with technical issues.
- Attend informational presentations on various IT subjects for further integration into CAT work.