Kyle Hurd

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Education

Washington State University, Pullman WA	Aug 2019–Dec 2022
Bachelor of Science, Computer Science	GPA: 3.94

Grays Harbor Community College, Aberdeen WA	Sept 2015-June 2017
Associate of Arts, Music	GPA: 3.93

Professional Experience

Amazon   Seattle, WA
Software Engineer Intern   May 2022-Aug 2022
- Onboarded a framework that mocks unreliable external dependencies from integration tests
- Improved reliability of tests run in the test environment
- Contributed and collaborated in a team setting by actively communicating project progress, engaging in meetings, and proactively seeking help

Washington State University   Pullman, WA
Teacher's Assistant   Aug 2020 - present
- Host weekly labs, office hours, and grade programming assignments that focus on the basics of Python
- Proctor and grade exams
- Collaborate with the other teacher assistants to reflect on our work done

Grays Harbor Public Utility District   Aberdeen, WA
Transformer Maintenance   May 2021-Aug 2021
- Repair and service single and three-phase transformers, providing power to over 42,000 customers in Grays Harbor County
- Respond to oil spoils
- Maintain an inventory of all electrical equipment being serviced and are in the field

Aberdeen School District   Aberdeen, WA
Technology Summer Help   May 2020-Aug 2020
- Installed wireless access points, cameras, and new phone systems for the school district
- Repaired student and teacher laptops by diagnosing hardware or software issues, repairing the problem, and completing work orders.

Projects

Zoom Mate
Repo: https://github.com/khurd21/Zoom_Mate
A terminal based controller for the Zoom application. Currently only supporting MacOS, this controller can join meetings, toggle video and audio, end meetings, and share your screen all from the terminal!

Sentence Generator
Repo: https://github.com/khurd21/Cpts-315-Final-Project-Sentence-Generator
Implemented using a markov chain and n-grams, the sentence generator is a framework that reads a stream of text and generates new and unique sentences based on the original text.

Skydiver Logbook
Repo: https://github.com/khurd21/Skydive-Logbook
A graphical user interface to view and log jumps for skydiving. Quickly add a jump with pre-filled jump information such as the current date, jump number, current equipment, and current drop zone based on default, modifiable user data.

Skills

Programming Languages
C#, Python, C/C++, Java, SQL, HTML

Frameworks and Tools
Flask, Django, Winforms, ASP.NET
Git, GitHub, VSCode, Jupyter Notebook