

LEE JANZEN-MOREL

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SKILLS

Coursework

[400s] Database Internals, Computer Security, Software Engineering, Data Visualization, Mobile App Development

[300s] Data Structures, Software Design & Implementation, Intro to Data Management, Software Tools (Git, Linux, etc.)

Technical

[Intermediate] Java, SQL, HTML5, CSS, Technical Writing, React, SQLite, Python, Prompt Generation, Agile, Git

[Beginner] React Native, R, Rust, Vue.js, Swing, JavaScript, Node.JS, Accessibility

Soft Skills

[Social] Communications, Customer-Focused, Presentation Skills, Team Collaboration, Empathetic Interpersonal Skills

[Personal] Self-Motivated, Efficient Time Management, Creativity, Analytical Thinking, Adaptable

EXPERIENCE

University of Washington, Seattle, WA – Undergraduate Researcher

SEPTEMBER 2023 – PRESENT

- Programming in Python and Jupyter Notebook for statistically relevant data analysis and visualization. Reading and summarizing other potentially relevant research papers. Prompt generation for LLMs such as ChatGPT and Llama 2 for exploratory research. Successfully co-authored and published a workshop paper to be orally presented April 2024 for the AAAI conference.

Bellevue College, Bellevue, WA – Trio Tutor

JANUARY 2020 – SEPTEMBER 2021

- Tutor for math, communications, and computer science. Trio students are first-generation, low-income, or need accessibility support. Every student I worked with was unique as the last and needed highly customized mentorship and tutoring.

PROJECTS

MarvelVerse (CSE331 & 442, leejmorel.github.io/MarvelVerse) – Student

SEPTEMBER 2023 – DECEMBER 2023

- React front end app with Java backend exploring building your own graph ADT, traversing via DFS or a weighted graph. Focus on Java documentation, clean code, and product testing. Made into a network data visualization later for 442, with additional comic book timeline.

PathKit (CSE403, pathkit2e.com) – Student

APRIL 2023 – JUNE 2023

- Full-Stack app for both mobile and desktop made using React, Rust, SQLite, and Vue.js. The focus of this course was implementing software as a team. Learned Code Review, Testing, Agile, Scrum, Technical Documentation, formal Pull Request process, and how to go from idea to launch. Application and initial proposal are my design, and I ran this project both as the Lead Developer and Project Manager

Solala (Solala.app) – Project Owner

JUNE 2022 – SEPTEMBER 2022

- React Native app to help with scheduling prioritization and mental health management. Lead team of 13 fellow UW Students. This was a personal project I built to improve my coding ability, try Agile best practices with a team, and build a SQL Database on Azure. Features I created include secure log in integration, original Solala graphic design, project architecture, accessibility focused color palette, location-based weather integration, and hooks to connect directly with your google calendar.

Morse Code Translator – Personal Project

JANUARY 2020 – MARCH 2020

- Simple Java program with swing GUI, translates between morse code and English using a binary tree system. Selected project to better my comprehension of binary trees and DFS.

EDUCATION

University of WA, Paul G. Allen School, Seattle, WA (Fall 2021-Present) – B.S. in Computer Science (Due June 2024)

Bellevue College, Seattle, WA (Fall 2019-Spring 2021) – A.S. in General Transfer (GPA 3.93)

- 4.0 in CS 210 & 211 Introductory Computer Science Courses

DPCA, Buena Vista, CO – High School Diploma

VOLUNTEERING

Paul G. Allen Ability Officer –Public Relations (1 year)

Coalition for the Homeless – Activist, Spokesperson (3 years)

Pikes Peak Humane Society –Janitorial Lead (2 years)

AWARDS

NAEOP TRIO Achiever Award – 2021

Chambers Commitment to Academic Excellence– 2021

Debbie Killinger Scholarship - 1st Gen Student – 2020