

# LEE JANZEN-MOREL

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## 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.

## 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

## 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 2023-24**

- Networking with external partners, facilitate RSO leadership transfer, advocate for equal school access through accessibility analysis and proposals.

## AWARDS

**UW Student Dean's List – Spring Quarter 2023**

**NAEOP TRIO Achiever Award – 2021**

**Chambers Commitment to Academic Excellence– 2021**

**Debbie Killinger Scholarship - 1st Gen Student – 2020**