

OLIVER BOORSTEIN

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Education

University of Oregon

Sep. 2023 – June 2027

Bachelor of Science in Computer Science, Data Science - Double Major

Eugene, Oregon

Minor in Mathematics, Music Technology

GPA: 4.25/4.0 - 4.0/4.0 unweighted

Relevant Coursework

- Data Structures
- Algorithms
- Object-Oriented Programming
- Discrete Mathematics
- Linear Algebra
- Data Sonification

Projects

The Stoning | *React, Tailwind CSS, TypeScript, NodeJS, Cloudflare Pages*

Janaury 2025 - February 2025

- Worked in a team designing and building a music publication website using React and Typescript and implemnting version control with Git and GitHub.
- Engineered components supporting custom articles from Markdown files to display.
- Styled said components using Tailwind CSS emulating a constructivist art theme.

7GUIs in Svelte | *Svelte, SvelteKit, TypeScript, HTML, Tailwind CSS*

February 2025 - March 2025

- Built seven essential GUI elements, using TypeScript and HTML within Svelte, that demonstrate thorough understanding of the SvelteKit framework.
- Designed consistently themed UI elements using Tailwind CSS with reactive state from Svelte.

Movie Guessing Game | *Python, Beautiful Soup, The Movie Database API*

March 2024

- Developed a command line game in **Python** to guess a randomly chosen movie given certain hints.
- Implemented Beautiful Soup in order to web scrape movie ratings and a list of popular movies from the Letterboxd **HTML** to be used for hints and movies to guess, respectively.
- Used **The Movie Database API** to fetch movie attributes such as runtime, genres, and actors for use in hints.

Experience

University of Oregon

September 2024 – Present

Computer Science Learning Assistant

Eugene, Oregon

- Held office hours assisting up to **five** students per session to thoroughly understand essential Python topics from beginner-level to advanced.
- Worked in **eight** person teams, coordinating schedules that allowed us to service the most students and cooperating to identify issues common among students attending office hours to help those in the course at large.

Extracurricular

Leet Club

December 2023 – Present

Vice President

University Of Oregon

- Participated in and organized weekly coding challenges to enhance **data structures** and **algorithms** skills of attendees and developed solutions and explanations of said problems in collaboration with other board members.
- Networked with other community members to learn more about the technologies and projects they are working on.
- Assisted in the organization of both HackUO and QuackHacks, the University of Oregon's first hackathons since 2016.

Album Listening Club

September 2023 – Present

Officer

University of Oregon

- Organized meetings, with up to **100 members** in attendance, to discuss the weekly album and other music topics.
- Collaboratively arranged public music events with over **200 attendees**.
- Met weekly with fellow officers to delegate preparation and plan for the future of one of the University of Oregon's largest clubs.

Awards

Dean's List

December 2023 – Present

Academic Achievement

University Of Oregon

- Awarded for achieving a GPA of 3.75 or greater in a given term.

Technical Skills

Languages: Python, TypeScript, C, JavaScript, HTML, CSS, Bash

Developer Tools: VS Code, Node.js, Linux/UNIX,

Technologies/Frameworks: Svelte, SvelteKit, Git, Tailwind CSS, React, Vite, Jupyter Notebooks