Madeline Tennier

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Education

Bachelor of Computer Science

University of Victoria   September 2019 - June 2024
- Relevant coursework: Software Development Practices, Relational Databases

Related Experience

Software Engineer Intern – Placeholder Inc.

Victoria, BC (Remote)   January 2023 - September 2023
- Added UTM parameter capturing in front-end Next.js customer website, allowing for marketing team to track where leads found out about the company platform.
- Implemented dynamic page layouts for customer-facing front-end using Typescript, CSS, and HTML, facilitating better product view based on monitor size.
- Implemented front-end endpoint and UI for sorting listing data based on several factors such as date listed and price.
- Presented and discussed customer-facing website changes with CEO and marketing teams, ensuring changes aligned with company vision.
- Participated in GitHub code review for back-end, front-end, and database changes, catching bugs before they made it to production.

Teaching Assistant – University of Victoria

Victoria, BC   September 2022 – December 2022, September 2023-Present
- Provided constructive criticism to first year students during 2-hour Python labs.
- Checked over 100 ID cards, monitored exam takers, and alerting professors to potential issues during midterms and exams to facilitate a stress-free environment for test takers.
- Taught and assisted first year students in coding Python live during labs.
- Utilized a Python grading script to grade over 800 final exam instances in a day, ensuing final grade submissions met deadlines.

Apprentice Garage Member – INSPIRE: STEM for Social Impact

Victoria, BC   May 2022 – September 2022
- Worked directly with a client to develop a software system to monitor visitor traffic.
- Wrote code in the Arduino and C++ programming for development of an ESP8266.
- Created Google Data Studio visualization of visitor data, allowing sanctuary to easily interpret visitor data without technical experience.

Volunteer Experience

Executive Member - Women in Engineering and Computer Science

Victoria, BC   April 2021 – April 2022
- Lead and planned review sessions for first year computer science classes focusing on C, Java, and Python.
- Hosted weekly meetings providing support for women in Engineering and Computer Science.
- Worked directly with professors to create and tailor materials for 4 class review sessions, ensuring sessions met learning goals.