Erica Li

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Core Languages: Python, Java, C, JavaScript

EDUCATION

Bachelor of Computer Science, Honours, Co-op Option   **September 2020 - Present**

Carleton University, Ottawa, ON

- Second year standing, 11.0/12 (A), Dean's Honour List, Hindsight Award
- Available for 8 months beginning May 2022

Technical Skills

- Programmed in Next.js and SCSS to create a responsive frontend for the website of a community of 200+ women in tech
- Developed a user-friendly frontend and a RESTful API using Node.js and HTML5/CSS3 for a movie database website
- Applied C, Linux, and procedural programming knowledge to create modularized systems applications

Communication Skills

- Collaborated with a small team to create a Discord bot that manages office hour queues for teaching assistants
- Assisted Carleton by collecting quantitative and qualitative data of student feedback on online school, allowing the school to accommodate its students
- Collaborated with teaching staff to deliver fair and constructive feedback to 100s of students while grading their assignments

WORK EXPERIENCE

Teaching Assistant   **September 2021 – December 2021**

Carleton University, Ottawa, ON

- Conduct office hours in a punctual and professional manner to further student's understanding of the fundamentals of computer science and Python
- Plan and hold tutorials for 50+ attendants to give students guidance and develop their problem-solving approaches for computer science problems
- Monitor forum questions and reply to them punctually and clearly, allowing students to get help whenever they need

PROJECTS

Front-End Developer   **May 2021 – September 2021**

Discrete Math Study Center

- Programmed in Typescript and Svelte to design and modularize the front-end components of a discrete math study website; as a result, this website received 3500+ hits and allowed students to use the website to study for exams effectively
- Applied knowledge of Git, and used it to cleanly integrate commits to the main branch

Front-End Developer   **Jan 2021 – April 2021**

Technolgap

- Applied knowledge of responsive web design to create a website that renders properly on mobile, tablet and computer
- Vastly improved the layout and function of the website by debugging various issues assigned to me through GitHub

VOLUNTEER EXPERIENCE / EXTRA-CURRICULAR ACTIVITIES
Vice-President   **May 2021 – November 2021**

Carleton Computer Science Society

- Managed the internal affairs of the Board of Directors by creating meeting agendas and to-do lists, and assisting them to act as a liaison between 1000+ society students and the School of Computer Science
- Answered questions from first year students at an event, allowing them to gain a better understanding of the program and the different pathways they can take
- Took initiative in supporting Board of Directors members by creating promotional materials, organizing, and hosting events with 40+ attendees and interviewing First-Year-Representative candidates to help the society serve the needs of its members