Ian Cappellani

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EXPERIENCE

Backend Engineer, Faire – Oct. 2021 - Present
- Performed backend development. (More details to be added as I spend more time in the role.)
- Leveraged knowledge of Kotlin, SQL, Guice, and Protocol Buffers.

Developer Fellow, Code for Canada – Nov. 2020 - Aug. 2021
- Overhauled a web application to significantly improve usability.
- Worked on a cross-functional team to perform requirements analysis and user research.
- Innovated within government and regulatory constraints.
- Leveraged knowledge of HTML, CSS, JavaScript, accessibility best practices, C#, ASP.NET MVC, SQL, Entity Framework, and the Government of Canada's Web Experience Toolkit.

Engineering Intern, Hansen Technologies – Sept. 2018 - Aug. 2019
- Developed a web application frontend in React using TypeScript and MobX.
- Proposed and carried out a refactor that improved maintainability and saved over 1600 lines of code.
- Designed an e-learning course about Docker which became part of a company-wide training course for professional services employees.
- Leveraged knowledge of React, TypeScript, MobX, Node.js, Express, SCSS, and Docker.

Computer Science Tutor, Freelance – Feb. 2021 - Apr. 2021
- Helped first-year university students learn C programming and computer science concepts.

Volunteer, Learning Lions – Sept. 2020 - Dec. 2020
- Created courses about web accessibility and Visual Studio Code for the web development curriculum.

EDUCATION

University of Toronto – Jun. 2020
Honours Bachelor of Science with High Distinction
- Double Major in Computer Science and Philosophy
- **GPA:** 3.8
- **Awards:** Dean's List Scholar, St. Michael's College Silver Medal, Lawrence E. Lynch In-Course Scholarship in Philosophy, C. L. Burton Trust In-Course Scholarship

CERTIFICATIONS

AWS Certified Developer - Associate, Jun. 2021

PROJECTS

License Plate Reporter
- A web app allowing users to report and query the license plates of dangerous drivers.
- A serverless backend using AWS API Gateway, Lambda, and DynamoDB plus a React frontend.

Todoist Calendar View
- Leverages Todoist's API to let Todoist users view their tasks in a weekly calendar view.

LANGUAGES AND TECHNOLOGIES

Kotlin, SQL, JavaScript, React, HTML, CSS, Python, AWS, C, Java, C#