
Experience

CaseWare International

May 2020 – Dec. 2020

Frontend Engineer Intern

Toronto, ON

- Contributed to production code of a financial auditing application used by the Big Four accounting firms
- Investigated and fixed bugs, participated in code review, and added new features to a ES6/AngularJS codebase
- Communicated with customers to understand their needs, turn them into actionable items, and deliver solutions
- Proposed and developed a testing tool using Node.js to catch PDF rendering regressions by visually highlighting differences in a repository of PDF documents

Veeva Systems Inc.

Sep. 2019 – Dec. 2019

Full Stack Engineer Intern

Toronto, ON

- Worked on production code of a health compliance submission management application used by top pharma companies
- Performed code review, added new REST API endpoints, unit tests and documentation to the Java Spring backend
- Investigated and fixed bugs in both the React client and the Java backend
- Worked in an Agile environment, participated in meetings, retrospectives and collaborated across teams

University Health Network

Jan. 2019 – April 2019

Software Engineer Intern

Toronto, ON

- Working in a startup-like environment on a Clojure/React web app used by clinicians at the largest Toronto hospitals
- Exposed to the design of a highly consistent and collaborative application, using my knowledge to add new functionality
- Took ownership of a new backend service to convert HTML reports to plaintext with formatting for tables and nested lists

Projects

Syntune | [Source/Live demo](#) | *TypeScript, Express, Redis, Vue, Sass, Docker*

April 2020

- A web app built in a team of two that can sync sound files across multiple peers and control playback via a single host
- Synchronization, audio playback and distribution of sound files implemented with webRTC using the PeerJS library
- Backend service to manage rooms built with Express, TypeScript and Redis, deployed in a Docker container on Heroku
- Responsive frontend client built using Vue.js, Typescript and Sass

Webgallery | [Source/Live demo](#) | *Node.js, Express, Bcrypt*

April 2020

- A web app that allows users to upload images, view each other's images and comment on them
- Node.js backend using express.js for the RESTful HTTP API, and a NoSQL database for the data layer
- User accounts implemented using session based authentication following best practices
- Frontend built from scratch without frameworks following an event driven architecture

LIVE Blueboard DevOps | live-competition.org | *Django, Postgres, Angular, Docker*

Nov. 2019

- Volunteered as a DevOps engineer in an Agile team of four developers to help deploy a cloud business case competition management application used by over 100 competitors
- Created all Docker and Docker Compose infrastructure for the project and set up CI/CD pipelines for Microsoft Azure

Education

University of Toronto

Sep. 2017 – Dec. 2021

Honors, Bachelor of Science in Computer Science

Toronto, ON

- cGPA: 3.54/4.0, Dean's List
- Data Structures, Algorithms, Software Design, Web Development, Systems Programming, Databases, Operating Systems

Technical Skills

Languages: JavaScript/TypeScript, Python, Java/Kotlin, C/C++

Developer Tools: Git, Docker, SQL and NoSQL databases

Methodology: Testing, Debugging, Agile, Design patterns, RESTful APIs, Problem solving, Teamwork

Platforms: Unix, Node.js, Browser, Android