

James Cote

SOFTWARE DEVELOPER

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Experience

TimePlay Inc.

Toronto, ON, Canada

Intermediate Web Developer

Sept. 2020 - Present

- Developed a **back-end service** using **Go** and **Gin** to **efficiently distribute players** to TimePlay shows.
- Created **responsive landing pages** using **React** and **AWS Amplify** based on design specifications.
- Developed a front-end web application using **Mithril** and **JavaScript** that provides the ability to control a TimePlay show.

CaseWare International Inc.

Toronto, ON, Canada

Software Developer Co-op

Jan. 2019 - Aug. 2019

- Developed an API that **integrates risk analysis data** from CaseWare Cloud Engagements to AnalyticsAI.
- Implemented functionality to **store client documents and attachments** to **Amazon S3**.
- Wrote **unit and integration tests** to verify correct behaviour of implemented functionality.

Symcor Inc.

Mississauga, ON, Canada

Automation Developer Co-op

May 2018 - Aug. 2018

- **Automated complex business processes** using **Ansible**.
- Identified **opportunities** for automation by **researching** and **conducting interviews** with business stakeholders.
- Developed **reusable Python and Ansible libraries** to increase efficiency of automation efforts.

Kenna

Mississauga, ON, Canada

Web Application Developer Co-op

Sep. 2017 - Dec. 2017

- Developed **front-end and back-end features** for **3 client projects** using **HTML**, **CSS**, **JavaScript**, **JQuery**, and **IBM Notes/Domino**.
- Wrote **optimized SQL queries** using Microsoft SQL Server to **transform data models** involving **large sets of data**.
- **Collaborated with QA** to **investigate, diagnose, and fix** visual bugs and data discrepancies.

Symcor Inc.

Mississauga, ON, Canada

Data Developer Co-op

Apr. 2017 - Sep. 2017

- Implemented a **data warehouse** using **PostgreSQL** for enterprise risk management.
- Performed **data linkage** between numerous databases and data sources using **database normalization** techniques.
- Developed and automated **ETL routines** using **Python**, **Java**, and **shell scripting**.

Projects

Image-sharing web application written with Node.js and Express

🔗 <https://simpleimage.herokuapp.com>

- Handled logic for **uploading images** into a **MongoDB database**.
- Stripped **EXIF metadata** from uploaded images to **protect users' privacy**.

Education

University of Guelph

Guelph, ON, Canada

B.Comp. (Honours) in Computer Science

Sept. 2015 - Jun. 2020

- Graduated with Distinction (**3.71 GPA**)

Humber College

Toronto, ON, Canada

Advanced Diploma in Game Programming

Sept. 2012 - Jun. 2015

Skills

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|--------------------|---|
| Programming | JavaScript, TypeScript, Go, Python, Java, C |
| Web | Node.js, Express, React, HTML, CSS |
| Databases | MongoDB, PostgreSQL, Redis |
| Testing | Mocha, Jest |
| Tools | Git, AWS Amplify, Docker, GitHub, CircleCI |
| OS | Linux/UNIX, Windows |