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 **Golang** 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   *Sep. 2015 - Jun. 2020*
- Graduated with Distinction (**3.71 GPA**)

Humber College   *Toronto, ON, Canada*
Advanced Diploma in Game Programming   *Sep. 2012 - Jun. 2015*

Skills

Programming	JavaScript, TypeScript, Golang, 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