

# James Cote

SOFTWARE DEVELOPER

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## Experience

### 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**.
- **Produced documents** outlining business processes to be automated by **researching** and **conducting interviews** with key 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**.

### Animal Crossing Turnip Calculator written with React and TypeScript

🔗 <https://acturnip.netlify.app>

- Utilized React **component states** to create a responsive calculator, resulting in an **intuitive user experience**.
- Designed the interface to be both **mobile- and desktop-friendly**.

## 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

<b>Programming</b>	JavaScript, TypeScript, Java, Go, Python, C, Shell, Bash
<b>Web</b>	Node.js, Express, React, HTML, CSS
<b>Databases</b>	PostgreSQL, MongoDB, Redis
<b>Testing</b>	Mocha, JUnit, Mockito
<b>Tools</b>	Git, GitHub, CircleCI, Docker
<b>OS</b>	Linux/UNIX, Windows