MICHAEL **KAZMAN**

Full-Stack Developer

Innovative detail-oriented computer science student with a knack for full-stack development and passion for emerging technology.

📞 (647) 993-1609
🐙 michaelkazman
💼 michaelkazman
🔗 michaelkazman.com
✉️ michael.kazman@gmail.com

EDUCATION

Carleton University

Bachelor of Computer Science, Honours

Mobile Computing

📅 Sept 2016 – Present 📍 Ottawa, ON

- **CS CGPA:** 11.00/12 (A+)
- **Dean's Honour List:** Sept 2016 - Present

EXPERIENCE

Technical Systems Analyst

Royal Bank of Canada

📅 July 2021 – Present 📍 Toronto, ON

- Researched, designed, and developed the platform's new UI
- Refactored entire front-end to use themeing, pattern-matching, and testing best practices with MUI, Husky, and ESLint libraries

`JavaScript` `Redux` `Jest` `Django` `Docker` `Jenkins`

RBC Amplify, Developer

Royal Bank of Canada

📅 May 2020 – Aug 2020 📍 Toronto, ON

- Patented machine learning solutions utilizing voice recognition, clustering, and a hybridized recommendation engine
- Designed, developed, and pitched a cloud-based market data management platform as a cross-functional team lead

`React` `Node.js` `REST APIs` `OpenShift` `AWS S3`

Full-Stack Developer, Co-op

TutorOcean

📅 May 2019 – Dec 2019 📍 Kanata, ON

- Engineered custom features for major academic institutions
- Redesigned the online e-classroom through a UI/UX overhaul

`React` `MongoDB` `Node.js` `Redux` `Material-UI`

Student Software Developer

Siemens Canada

📅 Sep 2018 – Dec 2018 📍 Vaughan, ON

- Testing and QA for the dynamic VLAN registration of SDNs
- Bottleneck analysis of custom data structures on L2 switches

`Bash` `C/C++` `GDB` `Debian` `Gerrit` `TCP/IP`

TECHNICAL SKILLS

`JavaScript` `React` `Redux` `TypeScript` `Jest` `Next.js` `REST APIs` `Node.js` `Python` `Jupyter` `TensorFlow` `Unix` `MongoDB` `Java` `Spring` `C/C++` `Django` `SQL` `Git`

PROJECTS

EarthCam-TRNG

- Utilizes **Python** and **OpenCV** to scrape global live camera feeds as entropy for a custom **Node.js** blockchain

Reconnect *CuHacking 2021 Winner*

- A government safety app for connecting users with storeowners in a post COVID-19 world
- Made using **React**, Ionic, **Django**, and **SQLite** with a Pillow interface

ARG Classifier

- **CNN** capable of classifying age, race, and gender, trained on a specialized UTKFace dataset
- Uses a custom implemention of Google AI's lightweight **MobileNetV2** architecture

StatFinder

- Chrome extension using **jQuery**, CSS, HTML, and **REST APIs** to fetch and render multi-structured video game data
- Amassed **45,000+ impressions** on the Google Chrome Web Store

SlickFifths

- Full-service e-store using **Node.js**, Handlebars, **PayPal REST API**, and **MongoDB** to sell vinyls

SOFT SKILLS

Agile ● ● ● ● ●
Jira, Confluence, Asana, Trello

Design ● ● ● ○ ○
Figma, Sketch, Adobe Suite

Ideation ● ● ● ● ●
Miro, Draw.io

Documentation ● ● ● ● ○
LaTeX, Markdown, Swagger