

Eric Tan

SOFTWARE ENGINEER · COMPUTER SCIENCE GRADUATE · BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

☎ (+1) 604-446-2938 | ✉ erictansde@gmail.com | 🏠 erichasatan.github.io | 📺 [ErichasaTan](#) | 🌐 [erictan2001](#)

About Me

Programming Python · Java · JavaScript/TypeScript · React/React-Native · Vue.js · SQL · Amazon Web Services (AWS)
Skills Relational Databases · CI/CD Pipelines · Computer Networking · Agile Methodology
Tools Docker · Git · Android · Visual Studio Code

Work Experience

Play On! Canada

FULL-STACK DEVELOPER INTERN

- Main technologies: Flutter, PostgreSQL.

Vancouver, BC

June 2023 - Present

IOTO International Inc.

SOFTWARE ENGINEER

- Implemented, tested, and deployed REST API using AWS API Gateway and Serverless Application Model (SAM) for production and development.
- Automated municipal councilors' Twitter scraper by creating a daily executable script, reducing manual effort and new queries by 75%.
- Provisioned AWS cloud computing services using IaC (AWS Cloudformation).
- Optimized average AWS CodePipeline build phase by 89% from 8 minutes to 50 seconds by caching Docker layers and dependencies.
- Main technologies: Python, Amazon Web Services (AWS), PostgreSQL, and Docker.

Vancouver, BC

October 2022 - June 2023

Love Your Planet Foundation

SOFTWARE DEVELOPER INTERN - MOBILE APP

- Coordinated with a short-cycle, agile, iterative development team to build and ship a social media Android app minimum viable product.
- Improved user acquisition rate by 19% by integrating cross-app post-sharing with Facebook and Twitter platforms.
- Refined user experience and engagement by designing a deferred deep linking flow with less friction.
- Main technologies: React Native, Redux, Node.js, MongoDB, and Heroku.

Burnaby, BC

January 2022 - July 2022

Projects

Spell-It!

PERSONAL PROJECT

- Built an educational learning app from end to end, practicing CI/CD pipeline workflow through Microsoft Azure and Github Actions.
- Architected the app design using the Model-View-Controller (MVC) pattern.

Vancouver, BC

May 2022

TimeKeeper

ACADEMIC PROJECT

- Led the development of a timesheet service app from scratch, able to automate project management for over 3000 employees.
- Developed a graphical user interface for users to perform advanced, multi-level queries to a MySQL database.

Burnaby, BC

February 2022 - June 2022

VocabWar

COMPETITION PROJECT

- Collaborated with a student team of 4 to build a multiplayer mobile game app, receiving the COMP 2800 2021 Entertainment & Creativity Award.
- Integrated Firebase as a backend server to implement authentication, cloud messaging, and a real-time database.

Vancouver, BC

June 2021

Education

British Columbia Institute of Technology

B.SC. IN COMPUTER SCIENCE

- Dean's Award: 3.67/4.33 GPA

Burnaby, BC

Grad. June 2022