

Isaac Pateau

Information Technology Engineering Student

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 isaacpateau.dev

 github.com/zaclimon

Education

École de technologie supérieure

Montreal, CA | 2016 - 2021
Bachelor in Information
Technology Engineering

Skills

Programming Languages

Java, Kotlin, JavaScript/
TypeScript, Python, Go, C#
HTML, CSS

Tools and Platforms

Android, Docker, Kubernetes,
Netlify, Git, AWS, Firebase,
GitHub, Node.js, .NET

Projects

Tsutaeru

Android TV application built with Kotlin that serves as an easy-to-use solution for streaming Live TV and Video-On-Demand content through M3U and XMLTV.

Quanta Tweaks

Android application built with Java aimed at improving the experience and performance of rooted devices.

Interests

Everything that is remotely related to Japanese culture, running, reading, hiking

Experience

Software Developer Intern @ GSoft

Montreal, CA | Sep. 2020 - Dec. 2020

- ↳ Improved Sharegate Desktop which helps over 20K IT admins and specialists in their Microsoft 365 migration tasks.
- ↳ Enhanced the migration process on Microsoft Teams by supporting individual channels.
- ↳ Converted the application developed on .NET Framework to .NET Core.

Software Engineering Intern @ Autodesk

Montreal, CA | Jan. 2020 - Apr. 2020

- ↳ Developed a data migration backend service responsible for migrating data from A360 Drive to Autodesk Drive serving thousands of users.
- ↳ Implemented the service in Node.js and TypeScript while enhancing software stability by writing tests using Mocha, Chai, and Sinon.
- ↳ Improved system reliability metrics using Grafana.

Infrastructure Engineering Intern @ NTT

Tokyo, JP | May. 2019 - Aug. 2019

- ↳ Implemented the Clearwater IP multimedia subsystem (IMS) using containerization technologies for R&D purposes with Bash and Python.
- ↳ Created and maintained the infrastructure required for hosting containerized applications using Docker and Kubernetes.
- ↳ Analyzed and compared performance data using test scenarios based on the company's internal systems.

Student Club Developer and Captain @ App|ETS

Montreal, CA | Sep. 2016 - Apr. 2019

- ↳ Maintained ÉTS's student portal mobile application used by over 10K daily users.
- ↳ Designed, lead the development, and deployed the beta of a rewritten version for Android using Kotlin.
- ↳ Supported the IT infrastructure of the club based on AWS, Netlify, Travis-CI, and Firebase.
- ↳ Revamped the integration process for new members resulting in better contributions.

Release Engineering Intern @ Loto-Québec

Montreal, CA | Jan. 2018 - Apr. 2018

- ↳ Analysed and implemented a new software delivery pipeline using Jenkins and RHEL.
- ↳ Contributed to the DevOps initiative throughout the company.