

FONDSON TRAN

✉ ftran@uwaterloo.ca  Fondson  Fondson Tran  fondsontran.com

EDUCATION

University of Waterloo 2016 - 2020
Bachelor of Computer Science 90% average

SKILLS

Programming Languages

Python, TypeScript, Java, C++, PHP, C#, Ruby

Technologies | Frameworks | Tools

AWS, Git, React, NodeJS, ExpressJS, Django, Flask, Native Android, Visual Studio

EXPERIENCE

Lazer Technologies

Software Engineering Consultant

Fully remote

January 2021 - Present

- Managing and building full stack web projects end-to-end from scratch and in existing codebases

Amazon

Software Development Engineer

Toronto, ON

July - December 2020

Software Development Engineer Intern

September - December 2019

- Architected and implemented a new search tool using **Java** and **AWS**, reducing operating costs by 86% (saving over \$300k annually)
- Scaled highly available **Elasticsearch** clusters across multiple regions to index terabytes of data
- Managed system infrastructure as code using templating frameworks such as AWS CloudFormation, greatly improving infrastructure maintainability and extendability

Facebook

Software Engineering Intern

Menlo Park, CA

January - April 2019

- Built a service to automate SQL database query migration using **Python** and managed its deployment pipeline
- Developed a system to monitor and validate database field usages and track user tasks
- Implemented functionality to reject requests containing unsupported database field accesses

Microsoft - The Coalition Studio

Software Engineering Intern

Vancouver, BC

September - December 2018

- Implemented additional **Unreal editor** features to improve workflow productivity using **C++**
- Created digital signal filters to smooth animation curves in Autodesk Maya using Python
- Developed multithreaded programs to improve studio playtests and scheduled file syncs using **C#**

PROJECTS

Related Anime

github.com/Fondson/relatedanime

- Created a website to display media related to any anime series and recommend similar content using **ExpressJS**, **React** and **Redis**
- Set up cron jobs to automatically retrieve new anime data through web scraping

Note Locker

github.com/Fondson/Note-Locker

- Published a **Native Android** lock screen app to conveniently take notes and create reminders
- Integrated Firebase's real-time **NoSQL cloud database** to authenticate users and organize notes