

FONDSON TRAN

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EDUCATION

University of Waterloo

September 2016 - April 2020 (Expected)

Candidate for Bachelor of Computer Science

91% average

SKILLS

Programming Languages

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

Technologies | Frameworks | Tools

Linux, Git, jQuery, React, NodeJS, ExpressJS, Django, Flask, Native Android, Visual Studio

EXPERIENCE

Facebook Inc.

January - April 2019

Software Engineering Intern

Menlo Park, CA

- Working on tools to support Facebook's network platform infrastructure using **Django** and **Thrift**

Microsoft Corporation

September - December 2018

Software Engineering Intern

Vancouver, BC

- Interned for The Coalition game studio responsible for the *Gears of War* game series
- Implemented additional **Unreal editor** features to improve workflow productivity using **C++**
- Created digital signal filters to smooth animation curves on Autodesk Maya using **Python**
- Developed multithreaded program tools to improve studio playtests and scheduled file syncs

PagerDuty

January - April 2018

Software Engineering Intern

San Francisco, CA

- Architected internal services and developer features from scratch using **Elixir** and **Kafka**
- Built an internal **REST API** and a consuming Slack bot using **Ruby on Rails** and **NodeJS**
- Migrated project dependencies to Artifactory to ease detecting third party package vulnerabilities

Achievers

May - August 2017

Software Development Intern

Toronto, ON

- Integrated the Giphy API within an image file manager allowing users to search and attach GIFs on their posts using **PHP** and **React-Redux**
- Designed and implemented internal REST API endpoints to serve customized user metrics using **PHP** and **Swagger**

PROJECTS

Related Anime

github.com/Fondson/related-anime

- Created a website to display media related to any anime series and recommend similar content using NodeJS, **ExpressJS**, **React** and a **Neo4j graph database**
- Implemented an Express API server used by the client-side to securely query and scrape for information

Note Locker

github.com/Fondson/Note-Locker

- Published a **Native Android** lock screen app to conveniently take notes and reminders
- Integrated Firebase's real-time **NoSQL** cloud database to authenticate users and organize notes
- Designed to dynamically update colour schemes based on chosen wallpaper image