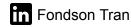
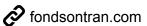
FONDSON TRAN

ftran@uwaterloo.ca Fondson F







EDUCATION -

University of Waterloo

September 2016 - April 2020 (Expected)

Candidate for Bachelor of Computer Science

91% average

SKILLS ———

Programming Languages

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

Technologies | Frameworks | Tools

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

EXPERIENCE —

Facebook

Software Engineering Intern

January - April 2019

Menlo Park. CA

- Built a service to automate database query migration using **Python** and managed its deployment
- Developed a system to monitor database field usage and track user tasks
- Implemented whitelist functionality to restrict unsupported database queries

Microsoft - The Coalition Studio Software Engineering Intern

September - December 2018

Vancouver. BC

- 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 program tools to improve studio playtests and scheduled file syncs

PagerDuty

Software Engineering Intern

January - April 2018

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

Achievers

May - August 2017

Toronto, ON

Software Development Intern

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

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, Redis and a Neo4j graph database
- Implemented an ExpressJS API server used by the client-side to securely query and scrape for information

Note Locker

aithub.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