

# FONDSON TRAN

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## EDUCATION

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University of Waterloo

September 2016 - May 2020 (Expected)

Candidate for Bachelor of Computer Science

91% average

## SKILLS

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Programming Languages

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

Technologies | Frameworks | Tools

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

## EXPERIENCE

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Microsoft Corporation

September - December 2018

Software Engineering Intern

Vancouver, BC

- Interning for The Coalition game studio responsible for the *Gears of War* game series
- Implementing additional **Unreal editor** features to improve workflow productivity

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 private REST API endpoints to increase internal developers' productivity using **PHP** and **Swagger**

Statistics Canada

May - August 2016

Systems Development Programmer

Ottawa, ON

- Redesigned and developed a **C#** Windows reporting application from scratch
- Contributed to developing and managing backend **SQL Server** databases and database objects; such as designing schemas, creating stored procedures, and aggregating data into views

## PROJECTS

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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