

FONDSON TRAN

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EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Science

September 2016 - Present

May 2020 (Expected)

SKILLS

Programming Languages

Javascript, HTML, CSS, SQL, Python, PHP, C#, Java, Ruby

Technologies | Frameworks | Tools

Linux, Git, jQuery, React, NodeJS, ExpressJS, Redux, Flask, Native Android

EXPERIENCE

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**
- Migrated project dependencies to Artifactory to ease detecting third party package vulnerabilities

Achievers

Software Development Intern

May - August 2017

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**
- Created multiple crons to automatically send 100+ customized emails based on conditions retrieved from databases using **PHP** and **MySQL**

Statistics Canada

Systems Development Programmer

May - August 2016

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
- Imported 10,000+ structured XML data entries into SQL Server databases allowing clients to work with updated external data using SQL Server scripts

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
- Updated clients on web scraping progress per API request using **HTML5 server-sent events**

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