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

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

Technologies | Frameworks | Tools

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

EXPERIENCE

Facebook   January - April 2019
Software Engineering Intern   *Menlo Park, CA*

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

Microsoft - The Coalition Studio   *September - December 2018*
Software Engineering Intern   *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 programs to improve studio playtests and scheduled file syncs using **C#**

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**

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**
- 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   *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