

David Tang

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TECHNICAL SKILLS

Languages

- Python, JavaScript, Swift, C, C++

Technologies

- Git, SQL, Linux, MongoDB

EXPERIENCE

TribalScale

Toronto, ON

Agile Software Engineering Intern

Jan 2018 - Apr 2018

- Developed features, refactored code, and fixed bugs for the **iOS** and **Android** apps of a large media corporation with over 60 000 combined daily users. Used **Swift**, **Kotlin** and **GraphQL**.
- Implemented new features for an **iOS** app that will be used by flight attendants to organize and improve the efficiency of in-flight activities and transactions.
- Refactored and added new features to an **Amazon Alexa** flower delivery app. Contributed to a 2 star increase in ratings.

Conrad BETS

Toronto, ON

BETS Entrepreneur in Training

May 2017 - Aug 2017

- Provided software development assistance to three early stage startups.
- Developed a prototype **React** and **Node** web app for an online wardrobe store. Implemented an algorithm to suggest clothing to customers based on their survey answers. Used Shopify API for product retrieval and purchasing.
- Implemented an internal web platform to analyze and display data from files received from the government.
- Created a company's first set of automated tests using **Protractor**.
- Developed a Google Sheets app to analyze spreadsheet data.

PROJECTS

SlackPay

- Implemented backend APIs with **Node** and **MongoDB** database connection for a slack bot at U of T Hacks that allows users to send, receive, and view their previous Interac etransfer payments through Slack.
- Invited to the Interac Toronto office for a follow-up discussion of SlackPay.

Voice Controlled Dashboard

- Created an Alexa voice-controlled synchronized dashboard using **Node**, AWS lambda and web sockets for TribalScale's internal hackathon.
- Intention was to connect the TribalScale offices around the world by synchronizing the TV broadcasts in every office

RedditWorld

- Web application implemented with **React** and **Node** that allows authenticated Reddit users to join chat rooms each designated for a specific subreddit.
- Provides users with a platform to communicate in a more casual and convenient way than a forum.

Focus

- Developed a chrome extension to allow users to remove their online distractions by blocking access to user-inputted URLs.
- Currently rated at 4.5 stars with over 300 users.

2048 Motion

- **Android** remake of the popular mobile app 2048 using the phone's direction of motion instead of swiping to move the blocks.

EDUCATION

University of Waterloo

Waterloo, ON

Bachelor of Computer Engineering

2016 - 2021

- Badminton Club, Chinese Student Association.