

TRISTAN WEDDERBURN

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EDUCATION

Computer Engineering (CO-OP)

Expected Graduation 2021

McMaster University, Hamilton, ON

Relevant Coursework: **Data Structures & Algorithms**, Software Development, Linear Optimization, Statistics

SKILLS

Languages Python, Ruby, Java, JavaScript, C, MATLAB, HTML/CSS

Technologies Ruby on Rails, Node.js, PostgreSQL, React, Redux, Docker, GraphQL, Git

EXPERIENCE

Axial Tech

Montreal, QC

Software Developer

August 2019 - Present

- Developed email list management app that supports multiple audiences using **Django** and Mailchimp API
- Coded script to backfill CSV file data for 10,000+ subscribers in **PostgreSQL** relational database using Pandas
- Configured **Docker** for local testing & development and deployed using Heroku

Wealthsimple

Toronto, ON

Software Engineering Intern

January 2019 - August 2019

- Automated govt. reporting and client RESP activity reports using **Ruby** and **React**
- Optimized client transfer out process by worked with Transfer Out team to **redesign internal tool** in Ruby and React
- Improved ticket-cutting for client institutional transfers process by implementing **event-sourcing** pattern and adding logging within micro-services using **Ruby**, Datadog API and Zendesk API
- Maintained **on-call** rotations to support internal tooling for Wealthsimple's Client Success team

PROJECT WORK

Skill Swap

bit.ly/2WtdgQo

- Developed web app that **connects users** seeking to swap knowledge of new skills at YHack '19
- Built front-end with **React** and React Bootstrap, using **Firebase** for user authentication
- Integrated application with Google Cloud **Firestore** NoSQL database and deployed on App Engine

Budg.it

- Developed web app that **visualizes financial data** provided by a user's online banking information
- Built UI using **React** and D3.js and implemented user authentication using Plaid API
- Developed back-end using **Django** and **PostgreSQL**

Smart-Brain

bit.ly/2NmHFfg

- Developed web app that **auto-detects faces** in photographs
- Programmed UI components using **React** and implemented Clarifai **Computer Vision** API for facial recognition
- Built backend server using **Node.js** and stored user information in **PostgreSQL** database; deployed on Heroku

EXTRACURRICULARS

McMaster Energy Association mcmasterenergyweek.com

Hamilton, ON

VP of Marketing & Conference Organizer

September 2017 - May 2019

- Organized inaugural & 2nd annual McMaster Energy Conference with 120+ students from universities across Ontario and 40+ professionals as well as case competition with 100+ competitors
- Crafted Instagram, Facebook, and LinkedIn posts, resulting in 250,000+ reach on all platforms in 2018/2019