

Wesley Ma

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Technical Skills

- **Languages:** Java, C, Python, JavaScript, TypeScript, HTML, CSS
- **Tools & Frameworks:** Node.js, React, Angular, NgRx, Django (DRF), Express, MongoDB, Heroku, HP LoadRunner, Git, Jenkins

Experience

Full Stack Developer | *Temerity Analytics* May 2019 – Dec 2019

- Developed features, fixed bugs, and maintained codebase for the MerIn web application
- Collaborated with designers, product owners, and other developers in an **Agile** environment to ensure clients would receive the best possible experience with new features and changes
- Worked with both the **Angular (NgRx)** frontend and the **Django (DRF)** backend (with **PostgreSQL**)
- Projects to date include implementing JWT authentication between client and server and developing system for internal users to broadcast messages to clients.

Performance Tester | *Canada Revenue Agency* Sept 2017 – May 2018

- Executed stress tests against major external/internal CRA applications (ie. MyAccount), ensuring stable and reliable performance for the upcoming tax season`
- Wrote automated, robust test scripts to be used in **HP LoadRunner**
- Automated build deployment process for internal project, allowing new builds to be deployed over 3 times faster, with no manual work involved
- Developed tools to parse server log files, identifying multiple performance inefficiencies in codebase

Projects

Enclave | *Citizen Hacks 2019* Sept 2019

- Abstracted the Keybase Filesystem by creating a data retrieval/storage protocol that allows users to control their data
- Created an **NPM package** (enclavejs), a Keybase Bot, and a demo app comprised of a **React** client and an **Express REST API**
- Placed **second** at **CitizenHacks** and won the **Keybase \$1000 USD sponsorship prize** for best Keybase bot integration

Uhjiliti | *CSCC09* April 2019

- In a team of three, built a project management webapp that combines a project board, video chat, and messaging in a single intuitive interface
- Frontend built with **React, Material UI**, and backend built with **Node.js (express)**, **web sockets**, **Web RTC**, using **MongoDB** as storage.
- Hosted on **Heroku**

Education

University of Toronto Sept 2016 – Present

- Candidate, Bachelor of Science (4th Year) with Coop, Specializing in Software Engineering