



Amanda Misjuwar

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Skills

Languages Java, Python, C/C++, JavaScript, TypeScript, HTML/CSS, Bash, SQL

Frameworks/Tools ReactJS, Git, Spring, Bootstrap, Pyramid, Hive, Jethro, Figma

Education

Bachelors of Computer Science — University of Waterloo, GPA: 3.1/4.0 2018 - 2023 (Expected)

Experience

OANDA — Full-stack Developer Intern May 2021 - Current | Remote

- Developing components for global user registration flow using **ReactJS**, **TypeScript**, and **Formik**
- Integrating electronic ID verification microservice with main registration API in **Python** on **Pyramid** framework to reduce need for manual ID inspection by onboarding team
- Refactoring critical backend logic for user account creation to decouple code, simplify configuration, and utilize internal Python library

American Express Canada — Software Engineer Intern Sep 2020 - Dec 2020 | Remote

- Developed features on internal web portal for Insurance agents to manage upsell product promotions using **Java**, **HTML/CSS/JavaScript**, **Spring MVC**, **SQL**
- Spearheaded automation of big data workflow to eliminate all manual data queries for business analysts
 - Authored **Shell** scripts and configured internal job scheduler to automate weekly data extractions through **Hive** to **Jethro** tables to maintain live production data in **Tableau**
 - Organized regular check-ins with marketing team to review requirements and exchange feedback
- Volunteered for **Women in Technology** to create publicity video for recruitment and event proposals

AGF Investments — Junior Web Developer Jan 2020 - Apr 2020 | Toronto

- Implemented unit test plans to validate backend features for AGF.com in **JUnit**
- Resolved production issues on AGF.com using **Java**, **Spring**, **HTML/CSS/JavaScript**, & **SQL**

Crowdlinker — Quality Assurance Analyst Intern May 2019 - Aug 2019 | Toronto

- Designed and automated E2E test plans for 5 web products in overlapping Agile sprints

Projects

Marketeer — <https://github.com/AmandaMisjuwar/marketing-analysis-tool>

- A competitor analysis tool utilizing web scraping for small business owners to visualize online marketplace metrics, created with ReactJS, NodeJS, Puppeteer, Firebase, Dropbase

Fundbear — <https://github.com/AmandaMisjuwar/fundbear>

- A ReactJS app connecting disaster relief organizations & potential donors to maximize emergency aid

Leadership

Coffee 'N' Code — Operations Director Sep 2019 - Dec 2019 | Waterloo

- Coordinated event logistics for coding mentorship club with 100+ members

Fashion for Change — Events Manager Sep 2018 - Apr 2019 | Waterloo

- Organized fashion charity show publicity events with 100 - 200 attendee turnouts