

Amanda Misjuwar

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Skills

Languages Java, Python, C++, JavaScript, TypeScript, Bash, SQL

Frameworks/Tools ReactJS, NodeJS, PostgreSQL, Spring, Git, Pyramid, Hive, Jethro, Figma

Education

Bachelors of Computer Science — University of Waterloo, GPA: 3.18/4.0 2018 - 2023 (Expected)

- Courses: Algorithms, Data Structures, Databases, Operating Systems, Human-Computer Interaction

Experience

Microsoft — .NET Core Infrastructure

May 2022 - Jul 2022

Software Engineer Intern

Redmond, WA

OANDA

May 2021 - Aug 2021

Full-stack Software Developer

Remote

- Developed UI components for global user onboarding platform in **ReactJS & TypeScript**
- Integrated electronic ID verification microservice with main REST API in **Python** to reduce manual ID checks
- Refactored critical backend logic for account creation which decoupled code, simplified configuration, & leveraged internal Python library

American Express — International Insurance Services

Sep 2020 - Dec 2020

Software Engineer Intern

Remote

- Implemented features on internal web portal for Insurance agents to manage product campaigns using **Java, HTML/CSS/JavaScript, Spring MVC, SQL**
- Spearheaded automation of data workflow to eliminate all manual data queries for business analysts
 - Authored **Shell** scripts and configured internal job scheduler to automate data extractions into **Jethro** tables to maintain live production data in **Tableau** servers
 - 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 proposal

AGF Investments

Jan 2020 - Apr 2020

Junior Web Developer

Toronto, ON

- Worked on AGF.com in **Java, Spring, HTML/CSS/JavaScript, SQL, JUnit**

Leadership

UW Blueprint — Project Lead

May 2022 - Current

- Co-leading a team of 7 developers to create a camp booking & management system for Focus on Nature
- Driving progress by defining technical requirements, establishing development timelines, & collaborating cross-functionally with designers and product managers to ship final product to client

Projects

Community Fridge KW — TypeScript, ReactJS, NodeJS, ExpressJS, PostgreSQL, Sequelize, Docker

<https://schedule.communityfridgekw.ca/> • <https://github.com/uwblueprint/community-fridge-kw>

- Launched a donation scheduling & user management platform to support community-wide food redistribution

Marketeer — ReactJS, NodeJS, ExpressJS, Puppeteer

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

- Created a dashboard utilizing web scraping for small business owners to visualize online marketplace metrics