MANDY
MEINDERSMA

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EXPERIENCE

Senior Software Developer | DrugBank
June 2022 to December 2022 – Medical Drug Database – Edmonton
Led the Data Engineering efforts of a 9-person team that parsed over 60,000 clinical trials.
Resurrected a 14+ year old unbuildable repo to then having 15+% code coverage with unit tests.
Responded to daily customer support issues quickly and with detailed instructions to help them.

Backend Developer 2 | Dotdash Meredith
October 2019 to June 2022 – Publishing Company – Edmonton
Completed **Java** stories and bug fixes efficiently via Agile/Scrum environments.
Improved documentation for running, testing and contributing to repositories.
Worked on sites like Investopedia and theBalance which have over 1.5M pages views per day.
Ported over an old authentication system with over 7 million users to an open source solution.

Software Engineer Intern | Intuit Canada + Intuit USA
January 2017 to August 2018 – Financial Software – Edmonton + Mountainview, California
Coded Front-End, Back-End and User Interface automation while on 12-person team.
Specialized in coding **React.js**, **Redux** and **Dojo** and having at least 85% of code unit tested.
Learned how to make applications more accessible for users with disabilities using ARIA.
Made internal tools for other developers by changing legacy code that was 3+ years old.

EDUCATION

Bachelor of Science, Specialization in Computing Science | University of Alberta
Graduated: May 2019 - Relevant Courses: web development (**JavaScript**), Android development, software lifecycle, TDD, algorithms, **Python**, robotics + **ROS** (goo.gl/9WGGDr), machine learning.

VOLUNTEER

Founder and Committee member | YEG Women in Tech
August 2019 to Present – Support women and allies in tech
Created a place where minorities feel comfortable to share their vulnerabilities and grow.
Partnered with companies to host networking, socialization and career development events.

Board Member | Dev Edmonton Society
February 2021 to Present – Create a huge network of Edmonton developers
Created board meeting agendas to organize over 2000 members and developed our site.

PROJECTS

Types of Dev Workshop - February 2023 - Made bugs for students to find and solve.
Dev Edmonton Website - Since 2021 - Manage open-source repo, and for Hacktoberfest!
Meeting buddy - February 2020 - Made an IoT button to report meeting room status.
HackED - January 2019 - Developed a web-app with **Flask** + **React** to check students' courses.
Soldering - Since 2010 - Tinkered with components to light them up and learn about them.