MANDY
MEINDERSMA

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EDUCATION

Bachelor of Science, Specialization in Computing Science | University of Alberta
Graduating: April 2019 - **Relevant Courses:** Android development, software lifecycle, algorithms, robotics(goo.gl/9WGGDr), machine learning, reinforcement learning, web development.

EXPERIENCE

Software Engineer Intern | Intuit USA
May 2018 to August 2018 – Financial software
Made internal tools for other developers by changing legacy code that was 3+ years old.
Completed stories and bugs efficiently via Agile and Kanban environments.
Improved documentation for running, testing and contributing to repositories.

Imaging Programmer | Mazakowski Heart Institute
November 2016 to March 2018 – Research lab
Refined an existing code base to analyze Cardiac MRI's allowing analysis of abnormalities.
Ran user studies on physicians to iterate on the user interface with continuous feedback.
Presented at multiple conferences around Canada about my lab research work.

Software Developer Intern | Intuit Canada
January 2017 to December 2017 – Financial software
Coded Front-End, Back-End and User Interface automation while on 12-person team.
Specialized in coding React, 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.
Experimented with various technologies such as graphQL to improve integration tests.

SKILLS

Fluent in Python, JavaScript, HTML, CSS   **Tools:** Git, JIRA, PyQt, Jenkins (CI/CD)
Proficient in SQL, MATLAB, C, Java, ROS   **Frameworks:** React, Redux, D3.js

VOLUNTEER

President and Vice President Conference | Ada's Team
January 2016 to Present – Computing Science Diversity student club
Designed a clean User Interface for the club's website which worked on mobile and desktop.
Sent 30 students to Quebec and Houston for computing conferences to present their research.
Raised and budgeted $22,000 to sponsor students across North America with no deficit.

PROJECTS

D3 Hackathon - November 2018 - Created a responsive webpage using D3 animations.
Equithon - May 2018 - Developed a chatbot with 3 other people to win first in our category.
AAAI Outreach - January 2018 - Designed robotic experiment to aid children with autism.
Soldering - Since 2010 - Tinkered with components to light them up and learn about them.