





# MANDY MEINDERSMA

Edmonton Alberta 

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LinkedIn.com/mandy-meindersma 

MandyMeindersma.com 



## PROFILE

My goal is to immerse myself in new technology. I want to continue to grow and feel challenged during work. I want to be excited to go to work and be surrounded by great coworkers. I am currently seeking internship or fulltime position after August 2018. I am willing to relocate.



## EDUCATION

**Bachelor of Science, Specialization in Computing Science | University of Alberta**  
SEPTEMBER 2014 TO APRIL 2019

Courses: Android development, numerical methods, databases, algorithms, robotics.



## EXPERIENCE

**Imaging Programmer | Mazakowski Heart Institute**

NOVEMBER 2016 TO MARCH 2018

Refined an existing code base to analyze Cardiac Magnetic Resonance Images.

Gathered suggestions from physicians to develop a User Interface that improved their workflow.

Implemented physician's ideas about regions in the right ventricle to better see abnormalities.

Presented at multiple conferences around Canada about my lab research work.

**Software Developer Intern | Intuit Canada**

JANUARY 2017 TO DECEMBER 2017

Specialized in front-end development while making minor changes to the back end.

Focused on 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.

Developed test suites using WebDriver.io to make automated testing more efficient

Experienced working in Agile and Kanban environments using Jira.

Built web pages that conformed with design specifications and appealed to the customer.

**Senior Instructor and Coordinator | DiscoverE**

JANUARY 2015 TO AUGUST 2016

Instructed ~3000 children aged 8 to 19 about how to code in Python, Java, and Android Studios.

Managed a group of 7 volunteers by scheduling shifts and promoting positive work culture.

Designed a robotics and math curriculum with a week full of activities and games.



## SKILLS

- Fluent in Python, JavaScript, React, Java, Android Studios, Git
- Proficient in SQL, MATLAB, C++, C
- Knowledge of Windows, Mac & Linux
- Impressive organization with respect to large scale event planning
- Ability to teach advanced topics to various ages



## VOLUNTEER

### **Vice President Conference and Tutor | Ada's Team**

JANUARY 2016 TO PRESENT

Organized and sent 21 girls to Quebec for a computing conference where we presented research.

Raised and budgeted \$11,000 to sponsor students across Canada with no deficit.

Spent ~70 hours tutoring computing science courses that I excelled in to other students.

Rewrote the constitution to add election processes, new executive roles and clarity.

### **Vice President Finance | Undergraduate Association of Computing Science**

SEPTEMBER 2016 TO PRESENT

Attended weekly meetings, organized events for the students and kept all financial records.

Constructed a \$20,000 budget to which all other executives had to comply.

Collaborated with the rest of the executive to start work on the department group's website.

### **Ambassador | University of Alberta**

SEPTEMBER 2016 TO PRESENT

Toured various groups around campus including many minority and diversity groups.

Provided information to new students regarding student life, school work and extracurriculars.

Volunteered with a 100+ person group which made me very comfortable with team work.

### **Presenter and Volunteer | Canadian Celebration of Women in Computing**

AUGUST 2017 TO NOVEMBER 2017

Worked with people all over Canada to organize a computing conference with 700 attendees.

Communicated with ~40 organizers to organize social media, presenters, and accommodation.

Handled unexpected circumstances during the conference while under huge time constraints.



## INTERESTS

### **Robotics**

SINCE JANUARY 2018

Coded a mobile robot and underwater robot using ROS. See my work: <https://goo.gl/9WGGDr>

### **Startup Edmonton Member**

SINCE NOVEMBER 2017

Attended meetups, participated in hackathons and did short presentations for beginner coders.

### **Programming Contests**

SINCE 2015

Competed in many contests on campus. Contests are usually a lot of fun and there is a group of us that tackle the problems together.

### **Soldering Mini Projects**

SINCE 2010

Learned to solder in high school and ever since then found it really exciting to make things light up and learn about all the different components.



## REFERENCES

Available upon request.