

ABBEY ZORN

SKILLS & ABILITIES

Working knowledge of SolidWorks, and AutoCAD
Working knowledge of C++, MatLab, Java programming, and PSQL
Basic knowledge of Python, Circuits and ANSYS
Basic knowledge of German and Polish languages
Currently learning Unity (C# and JavaScript)
Currently in Intro to Robotics, and Algorithms

EXPERIENCE

CITRINE INFORMATICS FELLOWSHIP: MACHINE LEARNING

Summer 2018

This summer I will be working on machine learning for additive manufacturing.

SENIOR DESIGN, 3D PRINTER

01/2018-Present

I am working on building from scratch a 3D printer and programming its functionality.

LAB ASSISTANT, CSM METALLURGICAL AND MATERIALS DEPARTMENT, REMRSEC

08/2015-05/2016 & 08/2017-Present

I work to maintain the metallurgical labs for Graduate students which includes two clean rooms: one 1000 class and one 10000 class.

MACHINE SHOP ASSISTANT, CSM METALLURGICAL AND MATERIALS DEPARTMENT

08/2014-05/2015

I worked mostly cleaning and organizing the machine shop. While there, I learned how to operate & maintain the machines, and was tasked with insuring the safety of users.

INTERN, CSU COMPUTER AND ELECTRICAL ENGINEERING DEPARTMENT

07/2013-08/2013

I worked with SolidWorks to help create a virtual replication of their systems. I also worked with an ellipsometer to find the best model for the refractive properties of select materials.

EDUCATION

LODZ POLITECHNIKA (09/2016-06/2017)

I spent a year studying abroad in Lodz, Poland. It was a wonderful experience that exposed me to different cultures and ways of life.

CSM: EXPECTED GRADUATION DECEMBER OF 2018

I am pursuing a Mechanical Engineering major and Computer Science minor with a 3.3 GPA and will be pursuing a master's in Computer Science after I graduate.