

Haley Ingram
Engineering Plus
Undergraduate

Phone: 719.821.5054
Email: haley.ingram@colorado.edu
Personal Website: ingramhaley.com

Education

The University of Colorado at Boulder

August 2016 - May 2020, CU Boulder

Obtaining a degree in Engineering Plus with an emphasis in Architectural Engineering with a focus in electrical and lighting and a Business Minor. Relevant coursework:

Senior Capstone: Designing a commercial building and working on a team to calculate the MEP systems.

Engineering Projects 1 - 3: Designing and building projects based on different customer needs.

Illumination 1 - 2: Calculating the lighting metrics and designing the lighting system of a building.

Electrical Systems: Calculating the electrical load of residential and commercial buildings.

Mechanics of Materials: Learned more about the mechanics of engineering building materials.

Business 1 - 4: Basics on what a business is and how to create your own start-up.

Experience

Norlin Library / Student Office Assistant

August 2016 - Present, CU-Boulder

I am currently a Student Office Assistant at the largest library on the CU-Boulder campus, Norlin Library. For August 2016 - May 2019 I was a Shift Lead Security Guard but was promoted May 2019 to my current position where I help my supervisors manage daily tasks.

The Fire Playce / Studio Assistant

March 2015 - July 2017, Pueblo, CO

I worked at a local paint your own pottery studio assisting customers and teaching them how to paint. I often assisted developmentally disabled customers with their painting. On occasion, I would also run the studio on my own when the owner was away.

Guarantee Electrical / Engineering Intern

June 2019 - August 2019, Aurora, CO

I worked as an Engineering Intern for Guarantee Electrical over the Summer of 2019, working under Bryan Kroening. I learned how to calculate and help design electrical systems commercially.

Volunteering

The Engineering Excellence Fund / Chair

August 2016 - May 2019, CU-Boulder

The Engineering Excellence Fund (EEF) is an organization in the College of Engineering and Applied Science at CU-Boulder. The mission of this board is to empower engineers to create an innovative environment for engineering education through the efficient investment of student resources. During my time on the board, I was able to increase the number of proposals funded by 200% through marketing tactics and word of mouth.

Generation Exchange / Volunteer

February 2019 - Present, CU-Boulder

Generation Exchange is a program through the University of Colorado at Boulder where the students volunteer once a month to mentor elderly mentees with their technology.

Skills

Manufacturing: 3D Printing (3 years), CNC (1 year), Lathes and Mills (1 year), Saws and Drills (2 years), Industrial Sewing (1 year), Laser Cutting (3 years)

Coding & Electronics: Arduino (2 years), C++ (1 year), Eagle & PC Board (3 months)

Programs: Autodesk Revit & Inventor (7 years), Autodesk Civil 3D (3 months), Microsoft Products (8 years), AutoCAD (3 months), Visual 3D (3 months)