

## Contact

**Salt Lake City, UT**

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in bit.ly/2o5Q2Tp

## Education

### **Westminster College**

- B.S. in Computer Science
- Graduated:  
Class of 2020
- Cumulative GPA 3.75
- Relevant Extra Courses:  
Electronics and Circuits,  
Physics II, Linear  
Algebra, Calculus II,  
Photography Courses,  
Digital Media

## Skills

- **Engineering:**  
Soldering and Circuit  
Building
- **Web:**  
HTML, CSS, and  
Javascript
- **Programming:**  
Python 3.0, C, and Java
- **Creative:**  
Adobe Applications,  
Digital and Film  
Photography

# Shannon Mellin

## Projects

### **Senior Capstone Project**

*September 2019 - April 2020*

- Made an electronic wind vane with a magnetic angle sensor to mount on the mast of a small sailboat
- Connects to a hand-soldered ergonomic LED display that is easily visible to the sailor
- Designed to be inexpensive and user friendly for novice and seasoned sailors alike

### **Undergraduate Summer Research Project**

*June 2019 - August 2019*

“Using Refracting Radio Waves to Characterize Inversions”

- Designed, built, and prototyped three bandpass filters to identify and differentiate three separate frequencies after refracting through an inversion layer
- Mixture of self-taught and one-on-one sessions learning of electronics, soldering, and engineering fundamentals
- Was given a problem statement to solve with engineering principles

## Professional Experience

### **U.S. Data Enterprise, LLC**

*June 2017 - January 2019*

- Work with companies of varying sizes digitizing their documents, while providing data entry and encryption services
- For larger projects, frequently collaborate with coworkers and delegate duties
- Independently balancing numerous smaller projects, while keeping up with daily tasks
- In charge of various daily duties with strict time requirements such as scanning and returning documents on time to their respective companies

### **Photography Lab Assistant**

*May 2019 - March 2020*

Westminster College

- Fixing and troubleshooting various types of equipment such as printers, scanners, and photo enlargers
- Facilitator of student learning, independent of class hours
- Answer student questions while working through problems they may encounter doing projects or using equipment
- Balancing and refilling of various chemicals
- Provide a clean working environment to minimize contamination of work

### **Hall Monitor**

*September 2016 - April 2019*

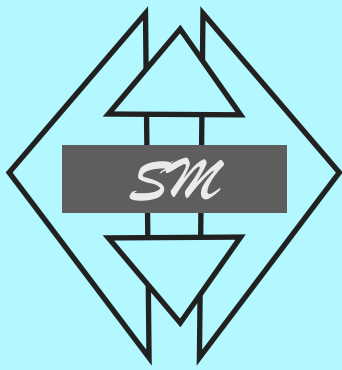
Westminster College

- Front desk attendant who greeted students, while ensuring that they felt welcome and safe
- Kept an up to date log of all students and guests who entered the building
- Answering students questions, and ensuring they have access to resources
- Collaborated with the Residential Advisors and Campus Security to ensure the safety of the students

### **Petco**

*March 2016 - August 2016*

- Cashier and assisted customers with their pet's needs such as food, treats, and toys selection
- Frequently gave helpful tips/advice about nutrition and grooming techniques
- Took care of daily needs of cats awaiting adoption
- Stocked and organized shelves
- Recognized for exceeding fundraising goals and generating more revenue than all other employees combined



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## **Activities and Volunteer Work**

### **Math Tutoring**

*January 2017 - April 2018*

East High School, Salt Lake City, UT

- Volunteered in a classroom setting tutoring Freshman and Juniors in mathematics concepts from Pre-Algebra to Trigonometry

### **National Honor Society**

*February 2012 - June 2016*

- Participated in various charity projects supporting the local community including the Salt Lake Food Shelf, and the Recycling center
- Collection and organization for thousands of donated items for Park City High School's yearly Food Drive

### **Karate**

*March 2011 - August 2016*

Bobby Lawrence Karate, Park City, UT

- Achieved the rank of Second Degree Black Belt on May 9, 2015
- Member of Advanced Black Belt Club and Black Belt Leadership
- Raised hundreds of dollars for kick-a-thon fundraisers to help families in need
- Attended four classes per week as well as summer camps
- Participated in yearly tournaments as a judge and contestant

### **Nuzzles & Co. Pet Rescue and Adoption**

*July 2012 - May 2016*

- Volunteered hundreds of hours to help various animals to be adopted by loving families
- Took care of daily needs for the center including cleaning, organizing, and care for the animals