Shannon Mellin

Contact

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in bit.ly/2AtiPYs

Education

Westminster College | Utah

- B.S. in Computer Science
- Graduated: Class of 2020
- Cum Laude, 3.79 GPA
- Relevant Courses:
    - Digital Media
    - Digital Imaging
    - Photography Courses
    - Sociology
    - Calculus II
- Grace Hopper Women in Computing Scholarship Recipient
- Tutored trigonometry students

Skills

- **Tools:**
    - Photoshop, InVision, XD, Illustrator, InDesign, Google Suite, MS Office
- **Skills:**
    - Wireframing, Digital and Film Photography, Prototyping, Scrum Planning
- **Web:**
    - HTML, CSS, Javascript, Python 3.0, C, Java

Projects

RadioACTive on KRCL Website   *September 2019 - December 2019*
Web Address: krcltimes.org
- Worked closely with client RadioACTive to understand project scope, brand's strengths, and personality
- Developed a strategy in cooperation with team members to translate client ideas into wireframes conceptualizing a site prototype that accurately conveyed project plan
- Used website mapping to create a user-inclusive, visually appealing site for radio listeners including interactive tools to submit soundbites, stories, photos, and digital memorabilia
- Collaborated with team to problem-solve challenges and optimize user experience, to improve seamless navigation, and accessibility
- Conducted testing of sample website to assess user experience and ease of design by creating surveys to gather feedback on usability

Senior Capstone Project   *September 2019 - April 2020*
"Electronic Wind Vane with Ergonomic Display"
- Designed an easy to read wind indicator for novice and seasoned sailors alike
- Built an electronic wind vane prototype with a magnetic angle sensor that mounts on the mast of a small sailboat in order to obtain an accurate reading of wind direction
- Created a hand-soldered ergonomic LED display to be secured in front of the sailor to clearly indicate the direction of the wind enhancing navigation

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
- Future studies can use these filters to read the angle at which a signal bends as it passes through the inversion layer to determine the bulk properties that make up the pollution
- Acquired electronic, soldering, and engineering skills while completing the project

Professional Experience

Document Imaging Specialist   *June 2017 - January 2019*
U.S. Data Enterprise, LLC | Park City, Utah
- Digitized documents to enhance accessibility of data, storage convenience, preservation, and encryption
- Cooperated with coworkers to optimize completion of projects by deadlines

Photography Lab Assistant   *May 2019 - March 2020*
Westminster College | Salt Lake City, Utah
- Troubleshot equipment including printers, scanners, and photo enlargers, while coordinating with Tech Support and the Professors
- Provided support for students by problem solving questions regarding the use of equipment and strategies to improve their projects

Hall Monitor   *September 2016 - April 2019*
Westminster College | Salt Lake City, Utah
- Collaborated with the Residential Advisors, Maintenance, and Campus Security to ensure the safety of the students in the dorms
- Optimized student experience by ensuring that they felt welcome, and their concerns were answered by directing them to campus resources