

Kalista Shields
B.S. Creative Technologies, Berry College
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EXPERIENCE

- **2018-Present | Web Developer | Berry College**
 - Creates, Maintains, and Updates over 100 pages on berry.edu
 - Assisted in the legacy transfer and rebranding of berry.edu on prominent landing pages
- **2021| Web Development Intern | Raymond James**
 - Assisted in the legacy transfer of Canadian sites to a new CMS by taking existing HTML and transferring it to the CMS
 - Updated and maintained over 150 financial advisor websites by updating copy, changing pictures to comply with brand standards, and changing the theming of the sites
- **2016 | Biomedical Engineering Intern | Revision Optics**
 - Improved deployment device for corneal implant using SolidWorks
 - Tested packaging for corneal implant using drop tests and simulations

RELEVANT COURSEWORK AND SKILLS

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| ● Coursework: | ● Skills: |
| ○ Advanced Prototyping | ○ Fusion 360 |
| ○ Rapid and Improvisational Prototyping | ○ C++, HTML, CSS, Javascript, PHP |
| ○ 3D Design | ○ EasyEDA and PCB design |
| ○ Practical Electronics | ○ Adobe Photoshop |
| ○ CNC Machinery | ○ 3D printing |
| ○ Vehicles | ○ Laser Cutting |
| ○ Physical Computing | ○ CNC technologies |
| ○ Web Design | ○ Arduino IDE |
| | ○ Reading, Writing, and Speaking Spanish |

PRODUCT ENGINEERING

- **cosplAID:** A mobility aid that converts from a guitar prop to a cane using a specialized handle. This device was made in Fusion360 and manufactured with a CNC router
- **Han-San Helper:** An aggregate data collection device that attaches to public hand sanitizer stations and reports data reflecting the ratio of use to non-use to a server. Data is then fed to a database in SQL and interfaced to a website with graphs powered by node.js.
- **Over the Counter:** An automated pill counter that uses an Arduino to determine how much medication is left in a bottle. When there are 7 pills left the device prompts the user to call their doctor to refill their medication

AWARDS

- **Novice National Individual Speaker Champion IPDA Debate**
- **2022 State Champion in Program Oral Interpretation and Dramatic Interpretation**