

Liam J. Fay

Innovative engineering student with an interest in experiential and cross-disciplinary design. A bridge between the worlds of engineering and creative design. Superb leadership and communication skills, able to deliver high-quality results and successfully manage numerous complex projects simultaneously.

Expertise

- Iterative Design
- Graphic Design
- Presentation Skills
- Technical Writing
- Interpersonal Communication
- Project Management

Coursework

Human Values in Design
Product Realization
Calculus
Introductory Electronics
Engineering Physics
Design Sketching
Solid Mechanics
Statistics

Tools

SOLIDWORKS CAD

Adobe Illustrator

Adobe InDesign

Python

Adobe Premiere

Adobe Photoshop

Manual Mill

Rapid Prototyping
(Laser cutting & 3D printing)

Stanford University '22 | B.S. Product Design | 3.6 GPA

Relevant Experience

- Aug 2020 - present - **Lead Hardware Engineer, GEM Safety**
Designing and prototyping wearable BLE technology for Mozilla "Fix The Internet" incubator start-up.
- May 2020 - Sep 2020 - **Research Assistant, Stanford University**
Assisted Stanford d.school Professor John Edmark in exploring geometry of 3D shapes using SOLIDWORKS CAD and laser cutting.
- Apr 2020 - May 2020 - **Documentation Assistant, dFab at UW**
Curated digital and print documentation for COVID-19 related PPE with the University of Washington School of Engineering.
- May 2020 - Aug 2020 - **Independent Study in Architecture**
Mentored by residential architect Lane Williams, worked with client needs to create original site/floor plans and 3D model in ArchiCAD.
- Nov 2019 - April 2020 - **Technical Director, Pippin**
Responsible for managing large technical theatre department. Designed large set pieces, oversaw set building, and purchased components.
- Jun 2019 - Nov 2019 - **Set Director, Gaieties 2019**
Using set sketches and paint elevations, orchestrated a team of 100+ cast and crew members to construct a full-scale Broadway set.
- Jun 2019 - Sep 2019 - **Design Intern, House of Hints**
Developed games, designs and storylines for Backstage at the Theater, an immersive escape room experience.

Contact me!

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