

Liam J. Fay

Innovative engineering student with an interest in experiential and cross-disciplinary design. Strong written and oral technical communicator. 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. A resourceful and quick learner who finds the answers without asking.

Areas of Expertise



Iterative Design



Technical Writing



Graphic Design



Interpersonal Communication



Presentation Skills



Project Management

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.

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 a full 3D architectural model in ArchiCAD.

Nov 2019 - April 2020 **Technical Director, Pippin**
Responsible for large technical theatre department. Managed a team of set designers, lighting designers, and directors. Designed large set pieces and oversaw set building process 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 fully realize and 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.

Relevant Coursework

Human Values in Design
Calculus
Introductory Electronics
Engineering Physics
Design Sketching

Foundations of Product Realization
Product Realization: Design and Making
Programming Methodologies - Python
Introduction to Statistical Methods
Solid Mechanics

Contact me!

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