

Felicia Lee

Industrial Designer

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Education

Carnegie Mellon University

May 2027

Bachelor of Design

Relevant Courses

Products Studio

Design Lab

How Things are Made

Foundation of BME Design

Designing for Human-

Centered Software

Rapid Prototyping Technologies

Fundamentals of Programming and

Computer Science

Introduction to Psychology

Skills

Design Concepts

Storyboarding

Rapid Prototyping

Collaboration

Creative Problem Solving

3D Modeling

Software

Adobe Suite

Photoshop, Illustrator, Indesign

Solidworks

Figma

RAMSIS

CLO3D

Languages

Java

Python

German (intermediate)

Relevant Experience

Driver Interface Captain — Carnegie Mellon Racing (CMR)

May 2025 - present (8 months)

(August 2023 - May 2025, Member)

- Leading the Driver Interface subteam of 8 people through the design process, including seat, steering wheel, headrest, pedals, and firewall, for CMR's 2026 electric FSAE competition race car.
- Designed and manufactured steering wheel for the 2025 car, optimized weight & driver performance. Learned to waterjet, laser cut. Performed pre-preg layups & strength testing performed carbon fiber layups, trimmed seat with dremel. Guided new members in tool usage.

Design Lab Assistant Monitor — Carnegie Mellon University

August 2025 - present (5 months)

- Help students in operating machinery in the design lab, including table saw, wooden lathe, drill press, band saw.

Student Advisory Board — Industrial Design Outreach (IDO)

September 2020 - present (5 years)

- Worked with a mentor for a pilot program for mask design, helped develop curricula for shoe and lamp designing programs implemented in high schools without design.
- Created the first high school club, organized field trips and opportunities for professional feedback, taught introductory students industrial design skills, promoted creative thinking, applied for and received grants for materials, organized fundraisers.
- Remote mentor to the club, joining through zoom to aid new members' design developments.
- Responsible for growing student-led high school clubs, social media, and advise board of directors on student needs and programming relevancy.

Project Experience

Combat Sensing Device (in progress)

August 2025 - present (5 months)

- Designing a vest with integrated vitals sensors for soldiers to help inform triage decisions on the battle field.
- Interdisciplinary collaboration with CS, MechE, and ChemE, students to conceptualize, prototype, and develop a working product by May 2026.

Sounds Current

February 2024 - April 2024 (2 months)

- Illustrated the cover image for Del Sol Quartet's podcast, Sounds Current, which was chosen as an official selection of the Tribeca Festival awards (2024) and selected Gold by Signal Awards.