

JENNIFER HEGELEIN

INDUSTRIAL DESIGNER

CONTACT

 jenniferhegelein@gmail.com

 Greater Philadelphia Area

 jenheg.com

SKILLS

- Solidworks
- Adobe Creative Suite
- Formlabs 3D Printing
- Arduino Coding & Hardware
- Design Research & Methods
- Interdisciplinary Collaboration

CERTIFICATIONS

COLLABORATIVE INSTITUTIONAL TRAINING INITIATIVE (CITI)

Social & Behavioral Research Certification
Expiration: Sept 2024 | Record ID: 45053815

Good Clinical Practice Certification
Expiration: Sept 2024 | Record ID: 45153794

PROTOTYPING SHOP CERTIFICATION

Machine Tool Safety & Chemical Hygiene
Thomas Jefferson University

EDUCATION

MASTER OF SCIENCE: INDUSTRIAL DESIGN

Thomas Jefferson University | Kanbar School of Design & Engineering
Philadelphia, PA | May 2023

BACHELOR OF ARTS: COMMUNICATIONS & MEDIA STUDIES

Saint Joseph's University | Computer Science & Philosophy Minors
Dean's List Spring 2019 & Fall 2019 | Philadelphia PA | May 2020

EXPERIENCE

JEFFSOLVES MEDTECH: LEAD PROTOTYPE DESIGNER

Health Design Labs | Mar 2021 - May 2023

- Collaborate with medical students, practitioners, and Delve to explore MedTech solutions
- Interview patients and practitioners for quantitative & qualitative research
- Present research at 2021 Design Philly Festival
- Continued as MSID Thesis Project

FABRICATION SHOP MONITOR

Thomas Jefferson University | Jan 2023 - May 2023

- Maintain Prototyping Shop & 3D Print Labs
- Assist students with prototyping projects
- Ensure student safety by enforcing shop rules
- Facilitate department repairs, maintenance, and technical set up for events

INDUSTRIAL DESIGN DEPARTMENT GRADUATE ASSISTANT

Thomas Jefferson University | Oct 2022 - May 2023

- Connect with students in studio spaces to write stories about projects and collaborations for the school's website (www.jeffersonaspire.com)

INDUSTRIAL DESIGN INTERNSHIP

Thomas Jefferson Department of Engineering | Mar 2021 - Sept 2021

- Direct the manufacturing of sensor housings for a research study in partnership with the Office of Sustainability and The Philadelphia Water Department
- Evaluate prior students' designs to be ready for field testing
- Plan a team schedule for 3D printing, testing, assembling, and finishing for each round of tests

AWARDS & HONORS

SECOND PLACE: SPRINT DESIGN COMPETITION

SharkNinja | Thomas Jefferson University | Jan 2023

- Executed the client's design brief during a sprint-style work week
- Collaborated with team members of various ages & backgrounds
- Pitched final design to judges in a tradeshow style evaluation

OUTSTANDING MAGAZINE ILLUSTRATIONS

Saint Joseph's Department of Communications | May 2020