

# JENNY HEGELEIN

jenhег.com

Industrial Design & Project Management

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I lead projects by turning research insights into actionable strategies, guiding design and development in collaborative, mission-driven environments.

## CAREER HIGHLIGHTS

**Milan Design Week:** Connected early design stages with final execution by leading global logistics, communications, and timeline planning for a large-scale installation; press in Vogue, Design Milk, Dezeen, and more

**Product from Concept to Market:** Designed an abacus for blind and low vision children using additive manufacturing; now an official accessibility resource in *Perkins' Path to Literacy*; created in conjunction with an educational book, ISBN: 979-8-218-51933-9

**Accessible Device Patents:** Applied user-centered research to drive innovations in safety, comfort, and functionality

## INDUSTRY SKILLS

Agile/ SCRUM | Cross-Functional Communication | Design Research | Insight Synthesis | Strategic Planning & Organization | Ergonomics  
Solidworks | Canva | Adobe | ClickUp | Rapid Prototyping | Data Visualization | Additive Manufacturing | Content Creation

## EDUCATION

**Master of Science, Industrial Design:** Thomas Jefferson University

May 2023

**Bachelor of Arts, Communications, Computer Science, Philosophy:** Saint Joseph's University

May 2020

## PROFESSIONAL EXPERIENCE

**Founder; Industrial Designer:** Dove Design LLC

NJ | Sept 2022 - Present

Curated graphic and industrial design for user-centered projects such as assistive devices, children's toys, and user manuals

**Project Manager:** Decibel Made and Dive

Bloomingdale NJ | May 2024 - Jul 2025

Managed creative projects, overseeing all logistics, materials, and timelines while supporting the team for seamless execution

- Built and organized workflows within sales and manufacturing, improved efficiency with internal teams & external partners
- Facilitated stakeholder communication, translated feedback into actionable plans, and delivered clear progress updates

**Research Development Design Engineer:** 3DPets and Dive

Bloomingdale NJ | Sept 2023 - Jul 2025

Synthesized research insights into functional design criteria to guide concept development and cross-disciplinary collaboration

- Collected and analyzed quantitative and qualitative data to inform product strategy, market positioning, and material selection
- Developed and refined prototypes through iterative testing to meet performance and market requirements

**Accessible Design Resource Manager:** Mountain Lakes Makerspace

Mountain Lakes NJ | Jun 2023 - Feb 2024

Advised on inclusive design strategies for internal and nonprofit-led accessibility projects within the library's Makerspace

- Consulted on assistive technology concepts; provided guidance rooted in user empathy and practical implementation
- Mentored students on accessible product development; supported design ideation, prototyping, and presentations

**Prototyping Shop Manager:** Thomas Jefferson University

Philadelphia PA | Mar 2021 - May 2023

Supported department-wide repairs, maintenance, and technical setup for events; maintained the Prototyping Shop and the 3D Print Lab

- Improved student safety with new signage, rearranged work areas for optimized workflows, and enforced shop rules

**Lead Prototype Designer, JeffSolves MedTech:** Health Design Lab and Delve

Philadelphia PA | Mar 2021 - Jul 2023

Executed the development of a new assistive technology; project extended into Master's thesis work in Industrial Design

- Conducted patient and practitioner interviews to identify problem spaces and market gaps
- Guided team through intentional rapid prototyping and testing; presented findings at the 2021 Philly Design Festival

**Industrial Design Internship:** Philadelphia Water Department

Philadelphia PA | Mar 2021 - Nov 2021

Fabricated and supervised the installation of heat sensors designed to blend in with the environment and collect climate data

- Directed the manufacturing, production, and installation timelines for multiple rounds of field testing
- Coordinated with the Office of Sustainability, Jefferson Engineering, Jefferson ID, and the Philadelphia Water Dept.

**Research Consultant:** The Beautiful Social Research Collaborative

Philadelphia PA | Aug 2019 - Dec 2019

Partnered with a local nonprofit to help build their volunteer engagement through market research and social media consulting

- Designed and executed a marketing campaign based on the nonprofit's market sector

## CERTIFICATIONS

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### **ClickUp Novice Certificate of Completion:** ClickUp

Key skills: managing creative design projects, building and organizing workflows, and facilitating team communication

Jan 2025

### **ClickUp Verified Power User:** ClickUp

Awarded to the top 10% of ClickUp users for advanced proficiency and impactful use of the platform

Jan 2025

## HONORS & AWARDS

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### **2nd Place, Art Competition:** Burlington County Farm Fair

Placed 2nd in local county fair Fine Arts competition, acrylic painting

Jul 2025

### **1st Place/ Blue Ribbon, Art Competition:** Burlington County Farm Fair

Placed 1st in local county fair Fine Arts competition, braided aluminum & copper wire sculpture

Jul 2023

### **2nd Place, Sprint Design Competition:** SharkNinja

1 Week Team Project; from concept and ideations to final tradeshow style pitch presentations

Jan 2023

### **COMMY Outstanding Design Award:** Saint Joseph's University Communications Dept

Faculty nominated, in recognition of Outstanding Magazine Illustration

May 2020