

Clark Mitchell

847-975-1902
clarkmitchell2023@u.northwestern.edu
www.clarkemitchell.com/

Project Highlights

Prosthetic Adaptation in Construction

Designed an adaptation for people with transradial amputations to operate machinery with joystick control

Worked directly with a user and company to ensure ergonomic and mechanical functions were fulfilled

Ensured effective materials and operations for varied construction environments and conditions

Diabetes Connection to Care

Designed systems and tools to help ensure diabetes patients could receive the extended care they need

Worked directly with medical staff and patients to ensure research and solutions met hospital requirements

Work Experience

Brand Intern

United Airlines, Chicago, IL
June 2022 – August 2022

Created new guidelines for requesting, evaluating, and fulfilling signage development within airports

Conducted human centered research to find the needs of passengers, airport staff, brand staff, and airline settings

Research and Development Intern

Ideal Industries, Sycamore, IL
March 2021 - August 2021

Designed and prototyped both physical and mechatronic product functionalities based on user behavior and needs

Tested and documented new methods of project flows and organizations for the company moving forward

Education

Northwestern University

Evanston, IL

Degree: Master of Science,
Engineering Design Innovation,
March 2023

University of Illinois

Urbana-Champaign, IL

Degree: Bachelor of Science,
Mechanical Engineering, with honors
Minors: Art and Design, Art History
December 2020

Skills

Creo Parametric, Solidworks,
Windchill

Python, MATLAB, C++

Brazing, casting, enameling, raising,
microwelding, general metal work

Human centered research, synthesis

Student Activities

Marching Illini Color Guard: Squad
Leader and Uniform Coordinator
2019-2021: Member 2016-2021

University of Illinois Juggling Club:
President 2018-2019; Treasurer
2017-2018

Coordinated and advertised large
scale events, weekly meetings, and
group purchases

Women in Math Science and
Engineering: Resident 2016-2018