

**Isabelle Mallwitz**

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Winter Garden, FL and Evanston, IL

**Education**

**Northwestern University**, Evanston, IL

*Bachelor of Science in Integrated Engineering Studies with a focus on Human-Computer Interaction*

June 2022,  
anticipated

*Minor in Art Theory and Practice*

GPA: 3.94/4.00

Relevant Coursework: Design Thinking and Communication, Introduction to Solid Modeling, Electronics Design, Fundamentals of Computer Programming

**Engineering Experience**

**Develop + Innovate for Social Change**

Evanston, IL

January 2020-  
present

*Client: Levy Senior Center Foundation*

- Reimagined the current website to make it more accessible to seniors, drawing from research and experience to create the most effective website possible

**Northwestern University, Design, Thinking, and Communication course**,

Evanston, IL

Spring 2019

*Client: Kate Drolet, Gait Therapist at the Shirley Ryan AbilityLab*

- Designed a knee brace that could lock automatically when the knee straightens and unlock when the therapist pushes a switch
- Conducted research involving the problems that stroke patients face to understand the needs that should be addressed

**Leadership Experience**

**Print Assistant**

*Daci Jett Law, LLC, Evanston, IL*

December 2019 -  
Present

- Managed all paper in the office, ensuring documents are properly generated and organized, and scanning all signed documents

**Recruitment Chair**

*ResilientNU, Evanston, IL*

August 2019 -  
Present

- Marketed the organization across several platforms, helping to triple cohort sizes in one year
- Led communication with prospective members, organizing meeting times and ensuring a clear flow of information in and out of the organization

**Secretary, Publicity Board Member**

*Northwestern Chapter of the Society of Women Engineers, Evanston, IL*

March 2019 -  
Present

- Took minutes at every meeting and sent out emails with summaries and task lists, increasing accessibility for members on the executive board
- Developed logos and designs for merchandise and publicized internal events to increase member retention and spread awareness of the organization

**Skills & Activities**

- *Manufacturing*: experience in SolidWorks, shop-trained and familiar with tools like the vertical bandsaw, table saw, mill, and pneumatic nail gun, experience in wood-working
- *Computer Science*: proficient in MATLAB, some experience in Android App Development, some knowledge of Python, experience in HTML/CSS, experience in Racket
- *Activities*: Society of Women Engineers, ResilientNU, tiilt lab, Develop + Innovate for Social Change, The Muskwa Club Sentinel Project, Women in Computing