

## EDUCATION

### Northwestern University

Anticipated Graduation: June 2023

*Robert R. McCormick School of Engineering and Applied Science*

**Major:** Mechanical Engineering

GPA: 3.646

**Relevant Coursework:** Multivariable and Vector Calculus, Electronics Design, Mechanics of Materials, Differential Equations, Decision Science and Smart Technologies, Mechanical Design and Manufacturing, Introduction to Materials, Computer Integrated Manufacturing, Mechatronics, Public Speaking.

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## PROFESSIONAL EXPERIENCE

### WAGIC, Inc.

*June 2021 - September 2021*

*Product Design Engineer*

*Remote via Fresno, CA*

- Reviewed and redesigned consumer products entering the American market.
  - Utilized CAD systems to detail 3-D models into 2-D drawings for use in manufacturing.
  - Researched and iterated designs that addressed the unmet needs of the client.
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## LEADERSHIP EXPERIENCE

### Northwestern Swimming and Diving

*September 2019 - Present*

*Student-Athlete*

*Evanston, IL*

- Devote 30+ hours per week to rigorous training, preparation and competition as a NCAA Division I athlete in the Big Ten Conference
- Practice compromise, conflict resolution and vocalize energy to foster a winning culture

### Northwestern Athletics Civic Engagement and Voter Registration Committee

*August 2020 - Present*

*Founding Member*

*Evanston, IL*

- Brainstormed social media campaigns to reach the athletic community about the importance of civil engagement, specifically related to the 2020 election
- Collaborated with Northwestern's Center for Civic Engagement and others to host Zoom events geared toward helping student-athletes register to vote
- Oversaw 12 of 19 athletic programs reach 100% voter registration

### Student Athlete Advisory Committee

*August 2020 - Present*

*Executive Committee Member*

*Evanston, IL*

- Selected as 1 of 5 representatives to serve as liaison between Northwestern's varsity sports teams and upper-level management in the athletic department
  - Called upon to discuss and vote on pressing issues facing student-athletes on the university, Big Ten, and NCAA level
  - Managed logistics of Northwestern Athletics' annual canned food drive benefitting Family Focus Evanston
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## COURSE PROJECTS

### *Design Thinking & Communication I, Client: Shirley Ryan Ability Lab*

*Fall, 2019*

- Designed treadmill attachment to aid in gait therapy for patients at the Shirley Ryan Ability Lab
- Manufactured, tested, and revised design to better fit the needs of the patient
- Listened, understood and conceptualized the needs of client to inspire our product design

### *Design Thinking & Communication II, Client: Temple of the Dog and Meow Lounge*

*Spring, 2020*

- Collaborated with client and team members in virtual environment to discuss the project
  - Analyzed challenges faced by client and refined design to decrease noise output of a high-velocity dog hair dryer
  - Visualized solution with at-home testing and modeling through AutoCAD
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## SKILLS & HONORS

**Skills:** Trained in drill press, band saw, CNC machining, injection molding, soldering, mill, and lathe.

Experienced with MATLAB, CREO, SolidWorks, C, Python, NX, GD&T. Specialized in human-centered design.

**Honors:** Academic All-Big Ten, United States Olympic Trials Qualifier, B'nai B'rith Student Athlete Award