

Megan E. Hwang

meghwang2001@gmail.com

(914) 246-7855

Campus Address:

617 Grove Street Apt. 6E
Evanston, IL 60201

Permanent Address:

77 Overlook Drive
Golf, IL 60029

EDUCATION

Northwestern University, Evanston, IL

Robert R. McCormick School of Engineering and Applied Science

Bachelor of Science in Computer Science,

Anticipated in June 2023

Cumulative GPA: ---/4.00

Relevant Coursework: Computer Programming, Data Structures and Algorithms, Programming Languages, Design and Analysis of Algorithms, Artificial Intelligence, Computer Engineering, Computer Systems, Game Design and Development, Human Computer Interaction, Data Science, Machine Learning

Byram Hills High School, Armonk, NY

June 2019

COURSE PROJECTS

Design Thinking and Communication

Project Partner: Shirley Ryan Ability Lab, Wheeling, IL

January - March 2020

- Designed and prototyped assistive splint/brace to aid SCI patients with writing without outside assistance
- Represented team as spokesperson in project partner meetings, design reviews and editing

EXPERIENCE

Segal Design Institute, Evanston, IL

Shop Trainer

January 2021 - Present

- Aid students in assembling design projects at Ford Motor Company Engineering Design Center
- Teach students how to use workshop machines such as bandsaw, drill press, mill, lathe, laser cutter, etc.
- Enforced workshop protocols to ensure personal safety through proper usage of machines

Sedgwick CMS, Remote

College Intern

July - September 2021

- First level reviewer of processing disability claims for employees of one of Sedgwick's clients, Lowes Corp.
- Screened claims to determine eligibility and entitlement for FMLA leave and disability benefits
- Established initial contact with the claimant regarding their claim status, eligibility qualifications, necessary information, and next steps, then communicated information to claim examiner

CS110, CS111 Teaching Assistant, Evanston, IL

Undergraduate Teaching Assistant

March - December 2020

- CS110 - Introduction to Computer Programming and CS111 - Fundamentals of Computer Programming
- Individually instructed students during weekly office hours and tutorial sessions
- Introduced students to computational thinking through Python and Racket programming languages

SKILLS

Construction: Experienced with power tools, saws, and machine tools for woodworking and building

Computer: Proficient in Microsoft Word, Excel, and PowerPoint. Experienced in Java, JavaScript, C, C++, Python, DSSL2, Racket, Assembly, Matlab programming, Microsoft Office, G-Suite, SolidWorks, and graphic design

ACTIVITIES

Treblemakers A Cappella, Evanston, IL

Treasurer

November 2021 - April 2022

- Planned and managed budget (equipment costs, transportation costs, room rentals, gig and show income, fundraiser revenue, etc) for group events
- Participated as a member of the group's Executive Board in democratically making decisions for the group

Formula SAE, Evanston, IL

Member

July 2022 - Present

- Design, manufacture, test and implement the steering assembly on the NRF23 race car
- Model steering components including steering rack, columns, u-joints, bearings, adaptors, quick release, and steering mount in SolidWorks and run FEA simulations in reference to the forces on the car to optimize steering efficiency