

Emily Makedon

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Permanent Address:
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EDUCATION

NORTHWESTERN UNIVERSITY, McCormick School of Engineering
Bachelor of Science in Computer Science

Evanston, IL
Expected June 2023

- **Courses:** Fundamentals of Computer Programming (I and II) | Linear Algebra | Data Structures | Intro to Computer Systems | Human Computer Interaction | Economics and Finance for Engineers

EDGEMONT HIGH SCHOOL
Cum Laude

Scarsdale, NY
June 2019

- **GPA:** 3.9/4.0

SKILLS

Vue.js | React.js | Node.js | JavaScript | HTML | CSS | Bulma CSS | Material-UI | Java | C/C++ | MATLAB | MS Office Suite

RELEVANT EXPERIENCE

NORTHWESTERN CS111 PEER MENTOR
Class TA

Evanston, IL
September 2020 - Present

- Leading three weekly tutorial groups of up to seven students to work through class material
- Helping students with programming assignments in Racket
- Assisting professor with grading and class programming

NORTHWESTERN MAYFEST PRODUCTIONS
Tech Team

Evanston, IL
October 2019 – Present

- Lead developer of mayfestproductions.com utilizing React.js
- Participated in development of the Dillo Day 2020 mobile application designed to coordinate festival information for 4,000+ students
- Facilitated the transition to Digital Dillo Day 2020, an online festival, and participated in creative programming of online events

ESCHOLAR LLC
Front End Developer

White Plains, NY
June 2020– August 2020

- Worked on the Uniq-ID application – a system that creates and assigns unique person identifiers to students and allows education agencies to manage student records
- Developed drop-down menu and page counter web components using Vue.js and Bulma CSS framework
- Enhanced webpage layout using flexboxes and loaded application data via REST APIs
- Verified API functionality using Postman (a tool used to test calls to REST APIs)
- Presented at daily agile style stand-up meetings with development team members

DESIGN THINKING AND COMMUNICATION COURSE

Client: Shirley Ryan Ability Lab, Team Member

Evanston, IL
January 2020– March 2020

- Prototyped and designed plastic leg lifter for a woman with leg paralysis that successfully enabled her to easily transfer in and out of her wheelchair
- Presented product with team members to audience of classmates and professors

Client: Northwestern University Feinberg School of Medicine, Team Lead

April 2020– June 2020

- Prototyped and designed a face mask ear-relief accessory for healthcare workers in the COVID pandemic
- Managed all remote communication with 4 team members and client
- Conducted weekly team meetings to review and assign tasks and evaluate progress

VOLUNTEERING AND LEADERSHIP

CS DEPARTMENT STUDENT ADVISORY BOARD
Student advisor

Evanston, IL
September 2020– Present

- Coordinating computer science activities and opportunities for students
- Facilitating communication between CS students and advisory board to improve student academic experience

NORTHWESTERN MINI CHEFZ CLUB
Volunteer

Evanston, IL
October 2019 – June 2020

- Educated kids on nutrition and healthy lifestyle habits
- Led weekly cooking lessons for group of 20 kids at community center

EDGEMONT WORLD FOOD PROGRAMME
President/Treasurer

Scarsdale, NY
Grades 11-12

- Organized fundraising events (Walk for a Cause 2020) and weekly club meetings
- Recruited new members; oversaw finances for the club