Emily Makedon

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EDUCATION

NORTHWESTERN UNIVERSITY, McCormick School of Engineering — Evanston, IL
Bachelor of Science in Computer Science — *Expected June 2023*
- **GPA:** 3.6/4.0
- **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 — Scarsdale, NY
Cum Laude — *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 — Evanston, IL
Class TA — *September 2020 - Present*
- Leading three weekly tutorial groups of up to seven students to work through class material
- Helping students with programing assignments in Racket
- Assisting professor with grading and class programing

NORTHWESTERN MAYFEST PRODUCTIONS — Evanston, IL
Tech Team — *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 — White Plains, NY
Front End Developer — *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 — Evanston, IL
Client: Shirley Ryan Ability Lab, Team Member — *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 — Evanston, IL
Student advisor — *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 — Evanston, IL
Volunteer — *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 — Scarsdale, NY
President/Treasurer — *Grades 11-12*
- Organized fundraising events (Walk for a Cause 2020) and weekly club meetings
- Recruited new members; oversaw finances for the club