

# Emily Makedon

**Current Address:**  
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## EDUCATION

**Northwestern University, McCormick School of Engineering**  
*Bachelor of Science in Computer Science, Segal Design Certificate*

**Evanston, IL**  
*Expected June 2023*

- **GPA:** 3.7/4.0
- **Relevant Courses:** Fundamentals of Computer Programming (I and II) | Linear Algebra | Data Structures | Computer Systems | Computer System Software | Human Computer Interaction | Design Thinking and Communication | Intro to Artificial Intelligence | Mathematical Foundations of Computer Science

**Edgemont High School**  
*Cum Laude*

**Scarsdale, NY**  
*June 2019*

- **GPA:** 3.9/4.0

## SKILLS

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

## RELEVANT EXPERIENCE

**United Airlines**

*Infrastructure Cybersecurity Intern*

**Chicago, IL**  
*June 2021– Present*

- Developing organization-wide security framework detailing tools utilized by Cybersecurity teams
- Coordinating cross-functional technology remediation initiatives for non-compliant security tools
- Leading intern team as Project Manager to optimize fleet location tracking and purchasing with Bluetooth Sensor technology and create a dashboard using AWS QuickSight
- Planned Hackathon for 30+ interns, deployed multiple instances of OWASP Juice Shop application to Heroku and presented to participants on common web application security risks
- Editing Key Management and SSL/TLS security standards and providing feedback and recommendations for improvement

**Northwestern Mayfest Productions**

*Tech Team Executive Chair*

**Evanston, IL**  
*October 2019 – Present*

- Serving on executive board to organize 50th annual Dillo Day music festival for 10,000+ students and guests
- Lead developer of [dilloday.com](http://dilloday.com) utilizing React.js
- Led the development of Dillo Day 2020 and Dillo Day 2021 livestream websites, collaborated with a team of Northwestern IT staff to implement SSO in the site's architecture
- Assisted with development of the Dillo Day 2020 mobile application designed to coordinate festival information for 4,000+ students

**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**

*Team Lead, Client: Northwestern University Feinberg School of Medicine*

**Evanston, IL**  
*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

## LEADERSHIP AND VOLUNTEERING

**Northwestern CodeID**

*President*

**Evanston, IL**  
*September 2020– Present*

- Leading executive committee of 6 members to organize and launch CodeID's first year on campus
- Developing Python-based computer science curriculum that will be taught in CodeID programming classes
- Partnering with We All Code (Chicago, IL) to host virtual coding classes with 15+ student volunteers
- Recruiting businesses, companies, and individuals to participate in the club's first speaker event

**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 CS111 Peer Mentor**

*Class TA*

**Evanston, IL**  
*September 2020 - December 2020*

- Led three weekly tutorial groups of up to seven students to work through class material
- Helped students with programming assignments in Racket
- Assisted professor with grading and class programming