Andrea Son

sonandrea12@gmail.com ● (650) 430 – 4024 ● https://lethalmonk-cu.github.io/portfolio/
San Francisco, CA | Boston, MA ● July - December 2025

EDUCATION

Northeastern University | Boston, MA | Khoury College of Computer Sciences September 2023 – Present
Candidate for Bachelors of Science in Computer Science, Minor in Computer Engineering, May 2027

GPA: 3.65 / 4.00 | Dean's List
Relevant Courses: Logic & Computation | Object Oriented Design | Discrete Structures | Linear Algebra & Diff Eq's
Activities: AI Club | CTF Club | Green Line Records | Recreational Climbing Club | Taekwondo Club
Study Abroad: American College of Thessaloniki, Greece

TECHNICAL SKILLS

Languages: Java | JavaScript | Python | C++ | Racket | ACL2 | CSS | HTML
Software: Eclipse | Intellij | VSCode | PyCharm | Gamemaker | SolidWorks | AutoCAD | ArduinoIDE

PROJECTS

Steganographic Password Manager | Java | January 2024 – Present

- Designing an encryption algorithm app that encrypts user-uploaded images into text to generate and house passwords associated with an account login
- Applying the encryption method of steganography to generate encryption keys to ensure secure password generation

AI Spotify Buddy | Python | JavaScript | HTML | CSS | December 2024 – Present

- Incorporating Spotify's Web API and OpenAI's API onto a web app capable of recommending tailored songs to a user based on Spotify metadata and historical dislikes, likes, or "super-likes" of song recommendations
- Learned fundamentals of authorizing/integrating programs using APIs and collecting/managing user data

Portfolio Site | CSS | HTML | JavaScript | December 2024 – January 2025

- Self-taught CSS, HTML, and JavaScript to implement a frontend and backend stack portfolio website that emulated key functionalities of a Windows 95 desktop

Cornerstone of Engineering Project | C++ | Python | Arduino | SolidWorks | AutoCAD | April 2024 – May 2024

- Created 3D models to simulate rover landings on Mars as a travel museum exhibit for elementary school students where students could drop and interact with models and see their effectiveness
- Incorporated an electrical circuit, anArduino program in C++, and a python script to automatically display educational videos as students move throughout the exhibit

EXPERIENCE

Teacher's Assistant for Cornerstone of Engineering January 2025 – Present
Northeastern University | Boston, MA

- Mentor students on assignments during hour long, weekly office hours for a section of 35 students
- Grade assignments and provide personalized feedback for areas of improvement

Encounter Leader | Big Brother August 2022 – June 2023
Junipero Serra High School Campus Ministry | San Mateo, CA

- Directed overnight retreats: delivered speeches to groups of up to 60 seniors and adults supervisors, led small group discussions, managed timeline of activities as one of two hosts, and supervised recreational activities
- Supervised monthly, self-reflective discussions of 25 underclassmen

INTERESTS

Backpacking | Climbing | Traveling | Cooking | Cats | Guitar | Singing | Analogue Media | Collecting CDs | Taekwondo