Andrea Son

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San Francisco, CA | Boston, MA ● Available July 2025 - June 2026

EDUCATION

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

GPA: 3.69 / 4.00 | Dean's List
Relevant Courses: Embedded Design | Data Structures & Algorithms | Object Oriented Design | Logic & Computation
Activities: Events Coordinator - Taekwondo Club | AI Club | CTF Club | Recreational Climbing Club
N.U.IN Study Abroad: American College of Thessaloniki, Greece   September 2023 – December 2023

TECHNICAL SKILLS

Languages:	Java	C#	JavaScript	TypeScript	Python	C++	SQL	ACL2	Racket	HTML	CSS
Frameworks/Tools:	React	Express	Node.js	PostgreSQL	AWS	GitHub
Other:	Unity	Arduino	SolidWorks	AutoCAD	MATLAB

PROJECTS

Hearthstone Battlegrounds Buddy | React | Node.js | TypeScript | PostgreSQL | AWS | July 2025 – Present
- Designing a full-stack web app that aggregates and visualizes user performance in Hearthstone Battlegrounds to suggest personalized improvements in playstyle
- Integrates Blizzard's OAuth and API to enable secure user login and user account specifications
- Deploying on AWS using EC2 for backend hosting and RDS for persistent match data storage

Dungeon Run | C# | Unity | May 2025 – June 2025
- Developed core gameplay systems for a roguelike puzzle game with a three-person dev team
- Led weekly sprint meetings, established milestones, and ensured cross-functional collaboration

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 physically drop and interact with models and see their effectiveness
- Incorporated an electrical circuit, an Arduino 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 – May 2025
Northeastern University | Boston, MA
- Assisted a section of 35 students with assignments in C++, Arduino, AutoCAD, and SolidWorks
- Provided technical tutoring and personalized project feedback during weekly office hours

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 to stimulate emotional growth within students

INTERESTS

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