

Andrea Foo

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Education

Harvard University, Cambridge, MA

2022 – present

Master of Education in Learning, Design, Innovation, and Technology

Tufts University, Medford, MA

September 2018 – May 2022

Bachelor of Science in Computer Science & Chemistry

GPA: 3.92

Awards: Dean's List (all four years), Tufts Summer Scholars Research Scholarship, Max Tishler Prize Scholarship, Margaret Durkee Angell and Henrietta Brown Durkee Scholarship Fund

Work Experience

Research Institute of Learning and Development, Lexington, MA

September 2022 – present

Instructional Design Intern

- Work with ResearchILD president, program director, and members of design and development team to assist with curriculum development, website development, and training materials
- Train in the use of authoring tools to create student-facing educational content on an LMS
- Communicate with pilot users, collecting, and analyzing feedback

Tufts Pre-College Program, Medford, MA

July 2022 – August 2022

Coding101 Teaching Assistant

- Supported teaching 90 students in learning basic to advanced CS concepts in python and final project app creation
- Assisted instructor in curriculum content creation including creating exercises, problem sets, and slides for the class

Tufts Computer Science Department, Medford, MA

August 2020 – May 2022

Computer Science Teaching Assistant

- Worked with 50 students per week to clear uncertainties on lecture material to improve technical knowledge
- Enhanced coding skills and other basic concepts through C++ programming by teaching 30+ students in lab
- Conducted interactive lab sessions and office hours every week to train students effectively

T-lab Education, Shanghai, China

January 2021 – May 2021

Full Stack Software Engineer Intern

- Collaborated with other members on this startup team to design the educational content for the web app
- Employed several tools and frameworks, including Angular and NestJS to design, develop, and deploy Content management System for streamlining company's operations in managing promotion websites
- Developed promotional websites for debut of app utilizing development practices in Angular Framework

Tufts Code for Good, Remote

June 2020 – August 2020

Product Manager and Front-End Software Engineer

- Leveraged programming skills to design front-end of web apps through ReactJS, Python, JavaScript, HTML, and CSS
- Collaborated with The Village Method to develop sustainable academic pipelines from elementary to college
- Planned, designed, and developed web app in compliance with UC / CSU standards to track and maintain records of graduation progress for The Village Method

Tufts Center of Engineering and Education Outreach, Medford, MA

January 2019 – September 2020

Student Teacher Outreach Mentorship Program Fellow

- Coordinated Science and Engineering activities for elementary school kids to promote interest in STEM fields by collaborating with fellow residents to create lesson plans
- Taught students of younger ages complex engineering and science concepts using effective communication

Technical Proficiencies

Programming Languages: C | Java | C++ | Python | HTML | CSS | Angular | Javascript | Typescript | GO