

EDUCATION

Tufts University, Medford, MA

May 2021

BS in Computer Science in the School of Engineering (anticipated)

GPA: 3.66/4.00, Dean's List every semester

Relevant Coursework: Machine Learning, Algorithms, Linear Algebra, Machine Structure & Programming, Data Structures, Web Programming, Cybersecurity and Cyberwar, Introduction to Digital Logic Circuits, Discrete Mathematics, Introduction to Computing in Engineering, Introduction to Electrical Systems, Calculus 1-3

University of New South Wales, Sydney, Australia

Spring 2020

Relevant coursework: Artificial Intelligence, Theory of Computation

PROFESSIONAL EXPERIENCE

Tufts Code for Good, Project Lead

June 2020 - Pres.

- Lead a team of three undergraduates to build a web app to convert PDFs into screen reader-accessible format.
- Interfaced with client and mentor to evaluate needs, develop plan, and choose framework.

Tufts University, Teaching Assistant

Sept 2019 - Dec 2019.

- Held office hours and graded student work for Introduction to Web Programming.

MIT Lincoln Laboratory, Software Engineering Intern

May-Aug 2019

- Researched, designed, wrote, debugged, and documented radar and jammer simulation in MATLAB as part of a five-person intern team.
- Summarized and communicated weekly progress at meetings with superiors.
- Presented end-of-summer conclusion to division head Bob Shin and group personnel.

Raytheon Company, Program Office Intern

June-Aug 2018

- Managed supply chain logistics to ensure delivery of critical program components.
- Read and wrote proposals and statements of work for various engineering projects.
- Strengthened communication skills through interactions with customers and co-workers.

Tufts University Dep't of Biomedical Engineering, Summer Research Intern

June-Aug 2017

- Supported research of Professor David L. Kaplan in the field of tissue engineering.
- Collaborated with post-doctoral scholars to study silk biomaterials and collagen gels.

PROJECTS

MIT Lincoln Laboratory, Wearable Anti-Drowning Device (WANDA)

July 2019 - Pres.

- Collaborated with team and mentors during Intern Innovative Idea Challenge to create, research, and propose altruistic engineering idea, selected to present at Poster Challenge.

Sublet Genius, Co-Founder

March 2019 - Pres

- Built college student-centric housing web app using Express.js and MongoDB.
- Worked with team to build the website for school project.

SKILLS

Programming Languages: Python, C++, C, Matlab, Prolog, HTML, CSS, Javascript, Ruby

Software: Ruby on Rails, Unix, Jupyter, TensorFlow, Keras, scikit-learn, Microsoft Office Suite

ADDITIONAL EXPERIENCE and LEADERSHIP

ATO of Massachusetts, Inter-Greek Council Rep, Philanthropy Chair

Sept 2018 - Pres.

Tufts Consulting Collective, Project Manager

Sept 2019 - Pres.

- Corresponded and coordinated with client, managed six student analysts.

Tufts University Admissions, Tour Guide and Social Chair

March 2018 - Pres.

Tufts Club Spikeball, Co-founder and President

Sept 2019 - Pres.

Tufts Climbing Team, Competitor

Sept 2019 - Pres.

Tufts Wilderness Orientation, Support Staff

March 2018 - Pres.

Big Brother Big Sister Program, Mentor

February 2018 - Pres.