

EDUCATION

Tufts University, Medford, MA **May 2022**

GPA: 3.9, B.S. in Computer Science + Minor in Chinese

Relevant Courses: Algorithms, Artificial Intelligence, Machine Learning, Computational Geometry

MIT Course: Geometric Folding Algorithms

Princeton Day School, Princeton, NJ; Cum Laude Society **Jun. 2018**

Courses taken at Princeton University: Intro to CS, Algorithms and Data Structures

SKILLS

Tools: Git, Github, Linux, Xcode, Firebase, LaTeX, Scikit Learn, MongoDB, Kubernetes

Languages: C, C++, Java, Python, React, React Native, JavaScript, Node.js, HTML, CSS

EXPERIENCE

Information Technology and Innovation Foundation; Staff Writer **Sep. 2021 – Present**

- Pitch, write 4 articles/week on global innovation policy at innovationpolicy.org
- Selected to be one of two writers for Innovation Policy News, a brand new news network

IBM; Extreme Blue Technical Intern **May 2021 – Aug. 2021**

- Develop a cloud-based website for improving the cloud migration process using React and MongoDB
- Invent, file patent for a machine learning approach to automate our cloud migration tool
- Construct a business roadmap and analyze monetary implications of the tool for businesses

ALIAS Technology, Georgetown, DE; Machine Learning Intern **May. 2020 – July 2020**

- Build python scripts to predict authorship of unknown documents and classify documents among authors using regression, SVM, and Naive Bayes in Scikit Learn for forensic linguistics consulting

T-TRIPODS Institute DIAMONDS Research Program, Boston, MA; Research Assistant **Jun. 2020 – Aug. 2020**

- Collaborate with researchers on self-assembling robots in an NSF-funded data science program
- Program visualizations and an interface for testing robotics algorithms in Python, JavaScript

USDA Human Nutrition Research Center, Boston, MA; Research Intern, Software Engineer **Apr. 2019 – May 2021**

Project 1: Mobile App Development

- Develop an iOS and Android app for monitoring adherence to weight-loss diets with React Native

Project 2: Machine Learning for Calorie Prediction

- Create a program to predict the severeness of calorie misreporting in meals using ML

Project 3: Scientific Review Paper

- Published in the Advances in Nutrition journal on Sep. 20, 2021. [Click here to read paper.](#)

COMP 160: Algorithms; Teaching Assistant, Recitation Leader **Jan. 2020 – Present**

- Run weekly recitations with 40 students; hold weekly office hours; design/grade assignments and exams

LEADERSHIP

The Tufts Daily; Editorial Editor **July 2021 – Present**

- Lead the Editorial Board; host weekly meetings
- Pitch, critique ideas for editorials; write editorials twice per week

The Tufts Daily; Associate Editor **Dec. 2020 – June 2021**

- Elected to the Managing Board of the Daily newspaper; oversee the organization
- Direct tech operations and the Software Dev. Team; revamp Daily website, mobile app
- Edit, fact-check published content; uphold journalism ethics and standards

Polyhack Hackathon; Chair of Committee, Director of Hackathon **Sept. 2019 – Present**

- Coordinate the university-wide hackathon hosted yearly; 300+ attendees in Oct. 2019
- Communicate with tech firms and other sponsors to raise upwards of \$15,000