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EDUCATION

Tufts University

Cognitive and Brain Sciences
Minor in Computer Science
GPA: 3.84 out of 4.0

Revere High School

Salutatorian
GPA: 4.41 out of 4.0 (weighted)

RELEVANT COURSEWORK

Psychology

Introduction to Cognitive Brain Science
Introduction to Psychology
Statistics For Behavioral Science
Cognitive Psychology
Independent Psychology Research
Cognitive Science Senior Seminar
Organic Chemistry 1

Computer Science

Introduction to Computer Science
Data Structures
Web Programming
Algorithms
Introduction to Security
Human Computer Interaction
Methods for Human Factors
Accessible and Assistive Computing

PROGRAMMING LANGUAGES

Proficient: C++, Javascript, R, HTML/CSS

Intermediate: Python, Node.js, Heroku, MongoDB, MySQL, JSON, jQuery

JOB EXPERIENCE

Undergraduate Research Assistant

Aug 2021 - Present

Cognitive Aging and Memory Lab, Tufts University, Medford MA

- Led an independent research project into the effects of inattention blindness and stereotype threat in older adult populations
- Recruited and screened older adult participants from the research pool
- Attended weekly lab meetings to provide concise updates on the research process

Undergraduate Teaching Assistant

Feb 2020 - Present

Department of Computer Science, Tufts University, Medford MA

- Courses: data structures, discrete mathematics
- Fostered a friendly environment of support for students to clarify issues during office hours
- Advocated for grading infrastructure to be optimized on Gradescope
- Attended weekly grading meetings to emphasize consistency within grading student submissions

MGH Youth Scholars Alum Summer Internship

Rally, Lab of Computer Science at Massachusetts General Hospital

Jun - Aug 2021

- Researched into website accessibility issues to improve the Rally website
- Developed a prototype of a User Profile for patients to actively engage with more relevant research and clinical studies

MGH Youth Neurology Education and Research Internship

Mukerji Neurology Lab, Massachusetts General Hospital

Jul - Aug 2020

- Led a research project focused on the racial and ethnic disparities among COVID-19 patients who tested positive throughout January to May 2020
- Engaged in interactive learning sessions on neurology topics and related careers

- Participated in daily lab meetings and mentored high school students, teaching them essential scientific skills

Psychology Lab Research Assistant

Jan - May 2020

Chechile Psychology Lab, Tufts University, Medford MA

- Assisted in running participants for a psychology study regarding the temporal aspects of memory
- Attended weekly laboratory meetings or workshops, pertaining to the process of running psychology experiments

Tisch Library Circulation Student Assistant

Jan 2019 - Jan 2020

Tufts University, Medford, MA

- Managing the circulation of books into and out of the library
- Answering patron questions concerning the library and campus

MGH Youth Scholars Alum Summer Internship

July - Aug 2019

Charleston Navy Yard, Building 114, Schwarzschild Neurology Laboratory at MIND

- Developed a research project, focusing on the effects of piperine in Lrrk2 in vitro cell models
- Attended weekly lab meetings, discussing the projects of other lab assistants and literature reviews of current relevant papers

MGH Youth Scholars Program

Sept 2016-2018

Massachusetts General Hospital, Boston, MA

- Engaged in skill development workshops to build career development as a high schooler
- Participated in hands-on experiences related to health and science careers and professional development
- Shadowed various departments around the hospital, creating a network of support and potential career paths

AWARDS

Dean's List 2018 - 2021 • MGH Scholarship 2018 - 2020 • Peter Cerasoli Scholarship Fall 2019 • Leo & Bongiorno Families Endowed Scholarship Spring 2019

ACTIVITIES

NeuroNetwork	<i>Feb 2019 - Present</i>
Tufts Pre-Medical society	<i>Aug 2019 - Present</i>
Tufts Grandmas (Co-president)	<i>Jan 2020 - Present</i>
Yearbook Committee (Editor)	<i>Aug 2017-May 2018</i>
MGH Youth Scholars Program	<i>Jan 2015-May 2018</i>
North Shore Science Team League	<i>Aug 2014-May 2018</i>