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EDUCATION

Tufts University

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

UX/UI EXPERIENCE

User Experience Accessibility Researcher

Jun - Aug 2021

Rally, Lab of Computer Science at Massachusetts General Hospital

- Created a Diversity, Equity, Inclusion, and Justice guide to improve accessibility within the Rally website
- Performed various scoping reviews into accessibility and inclusivity to promote User Centered Design
- Developed a prototype of a User Profile using Angular, for patients to actively engage with more relevant research and clinical studies on the Rally website
- Mentored high school students in coding, debugging, researching, and career development

JOB EXPERIENCE

Undergraduate Psychology Research Assistant

Aug 2021 - Present

Cognitive Aging and Memory Lab, Tufts University, Medford MA

- Led an independent research project investigating the effects of inattentive blindness and stereotype threat in older adult populations
- Implemented an ePrime3 program to automate the participant testing process
- Analyzed the data in R and presented the results to a department-wide symposium
- Recruited and screened older adult participants from the research pool

Undergraduate Teaching Assistant

Feb 2020 - Dec 2021

Department of Computer Science, Tufts University, Medford MA

- Taught C++ and Python to students in small group settings
- Debugged and identified key issues within weekly student submitted code
- Implemented a grading structure to optimize consistency when assessing student submissions
- Fostered a friendly environment of support for students to clarify issues during office hours

Data Science Intern

Jul - Aug 2020

Mukerji Neurology Lab, Massachusetts General Hospital

- Analyzed COVID-19 data in R, using various publicly available datasets, to highlight the racial and ethnic disparities among COVID-19 positive patients from January to May 2020
- Led and engaged in interactive learning sessions on neurology topics and related career development
- Supervised high school students, teaching them R and how to perform scientific literature reviews

Neurology Lab Intern

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
- Critically analyzed and provided questions about the projects of other laboratory members
- Performed literature reviews of current relevant papers to promote discussion within lab meetings

PROGRAMMING SKILLS

C++, Python, Javascript, R, Figma, Miro, HTML/CSS, Node.js, Heroku, MongoDB, MySQL, JSON, jQuery