Ashar Farooq

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EDUCATION

Massachusetts Institute of Technology [Cambridge, MA]   Expected Graduation: May 2023
Bachelor of Science in Computer Science, Economics, and Data Science
Relevant Coursework: Introduction to Algorithms, Embedded Systems, Mathematics for Computer Science
Walt Whitman High School [Huntington Station, NY]   September 2015-June 2019
Relevant Coursework: AP Computer Science Principles, AP Computer Science A, AP Calculus BC
Valedictorian of a class of 437 students with weighted GPA of 105.33

EXPERIENCE

Undergraduate Research Assistant   Virtual   *MIT Sloan School of Management*   June 2020 – Present

• Worked with Professor John Akula and other MIT researchers to search out and synthesize current analysis and commentary on law-sensitive issues relating to the societal impact of AI, Big Data, and other cutting-edge digital technologies.
• Analyzed topics including privacy, reidentification, and surveillance; bots, big data, and disinformation in political campaigns; algorithmic bias, fairness and transparency; intellectual property rights in AI, data, and open source and proprietary software; Artificial Intelligence/Machine Learning in healthcare and fintech.

Technology and Data Director   Cambridge, MA   *MIT Fall Career Fair*   January 2020 – Present

• Worked with MIT Career Advising & Professional Development(CAPD), MIT Information Systems & Technology (IS&T), and other contractors to troubleshoot technical issues as they arise
• Maintained the Committee's internal technical platforms, including but not limited to Slack, Google Drive, Dropbox, Squarespace, and mailing lists; kept the platforms clean and organized

Product Assistant   Virtual   *Danfoss*   June 2020– Present

• Worked in a team of other undergraduates from different institutions
• Created an augmented reality application to recognize various soda cans and display information, including price and sugar level
• Interacted with Unity, Vuforia, and GitHub

OTHER ACTIVITIES

• **Founder and President of Coding Club** – managed the projects of the high school coding club of over 30 students
• **Extern at AT&T** – participated in the 2020 Summer Learning Academy with various business and technical sessions
• **Mentor** – tutored mathematics and science to children affected by the COVID-19 global pandemic
• **Undergraduate Representative of Association of Student Activities** – supported MIT's 400+ student groups
• **Social Media Manager** – managed outreach to the first generation and/or low-income students of MIT
• **Academic Committee Chair** – developed academic resources and social events for the MIT Muslim community
• **MIT Class of 2023 Publicity Chair** – planned class-wide social events and managed communications
• **Undergraduate Association Technology Committee Member** – advocated for better technological resources on campus
• **Director of Communications of MIT Pakistani group PaksMIT** – interacted with members of the Pakistani community
• **Vice President of Communications of Beta Theta Pi Fraternity** – handled all external communications
• **QuestBridge Scholar** – selected as a QuestBridge Prep Scholar and National College Match Finalist

SKILLS

• Spanish	• Internet of Thins(IoT)	• Website Development	• Basic HTML
• Urdu	• Artificial Intelligence	• Algorithmic Fairness	• Basic Python
• Arduino Programming	• Ethical Decision Making	• Basic C++	• LaTeX