

# Ashar Farooq

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## EDUCATION

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**Massachusetts Institute of Technology**

Expected Graduation: May 2023

*Candidate for Bachelor of Science in Computer Science, Economics, and Data Science*

*Relevant Coursework:* Introduction to Algorithms, Embedded Systems, Mathematics for Computer Science, Design and Analysis of Algorithms, Fundamentals of Programming, Probability and Random Variables

## EXPERIENCE

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**MIT Sloan School of Management**

Research Assistant  
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, resulting in teaching materials for Sloan School of Management courses
- 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.

**MIT Fall Career Fair**

Technology and Data Director  
January 2020 – November 2020

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

**Danfoss**

Product Assistant  
June 2020– August 2020

- Created an augmented reality application using Vuforia and Unity in order to recognize various soda cans and display information, including price and sugar level, with a team of other undergraduates from different institutions and industry professionals from Danfoss

## OTHER ACTIVITIES

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- **Extern at AT&T** – participated in the 2020 Summer Learning Academy consisting of business and technical sessions
  - **Mentor** – tutored mathematics and science to children affected by the COVID-19 pandemic via the CovEd organization
  - **Undergraduate Representative of Association of Student Activities** – supported MIT's 400+ student groups
  - **Alumni Connections Head** – worked with First Generation alumni to host professional development/mentorship events
  - **Academic Committee Chair** – developed academic resources and organized social events for the MIT Muslim community
  - **MIT Class of 2023 Publicity Chair** – planned class-wide social events and managed communications for 1100+ students
  - **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 and outreach

## SKILLS

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*Language:* English(Proficient), Urdu(Native), Spanish(Intermediate)

*Technical:* Python, LaTeX, Basic C++, Basic HTML