

Aymaan Shaikh

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EDUCATION **CORNELL** New York, NY
Master's in Computer Science May 2026

UNIVERSITY OF MASSACHUSETTS AMHERST Amherst, MA
Bachelor's in Computer Science May 2025

COURSEWORK Data Structures & Algorithms Operating Systems
Object-Oriented Programming Machine Learning
Discrete Mathematics Human-Computer Interaction (HCI)

COMPUTER SKILLS **Languages:** Java, Python, C, C++, SQL, HTML, CSS, Javascript/Typescript.
Frameworks: TensorFlow, PyTorch, React.js, Angular, Spring Boot, Flask.
Technologies: AWS, Azure, Docker, Terraform, Git, REST, CI/CD, Jenkins.

EXPERIENCE **Data Scientist Intern** MICROSOFT
May 2025 - Aug 2025 Redmond, WA

- Engineered a multi-agent AI system using Azure AI Foundry and MCP to orchestrate context-aware telemetry and generate automated dynamic reports.

AI/ML Engineering Intern VERIZON
June 2024 - Aug 2024 Boston, MA

- Performed geospatial analysis on fiber and 5G networks identifying valuable assets and optimization insights through interactive mapping.

Full-Stack SWE Intern FIDELITY INVESTMENTS
June 2023 - Aug 2023 Merrimack, NH

- Developed a Splunk-based SSO widget, scaled a Tridion CMS integration company-wide, and modernized critical RESTful APIs for a 529 Savings Plan application.

RESEARCH **Researcher** UNIVERSITY OF MASSACHUSETTS

- Built a domain-specific ML systems database aggregating papers from top conferences, utilizing sent2vec and k-means clustering for semantic categorization.
- Analyzed research trends to forecast upcoming topics, resulting in acceptance at the MLSys 2025 conference.

PROJECTS **The Hunted (MIT):** Dynamic 3D WASD Hide and Seek movement strategy game.

Movie Ratings Prediction Model (MIT): Achieved a low RMSE of 0.18 using SVD, Gradient Boosting, and One-Hot Encoding for feature processing.

LEADERSHIP **Founder & President** The Billiards Club at Cornell
Aug 2025 - Present New York, NY

Founder & President BHS Hack Club & Programming Club
Sept 2017 - May 2021 Burlington, MA

INTERESTS Biking, tennis, badminton, bouldering

AWARDS 3rd Place 2025 Microsoft Global Intern Hackathon