Anika Puri

11 Buttonhook Rd, Chappaqua, NY • anpuri@mit.edu • 914-419-7979 • LinkedIn

EDUCATION

Massachusetts Institute of Technology *June 2026 - 2027*
Candidate for Masters of Engineering

Massachusetts Institute of Technology *May 2026*
Candidate for Bachelor of Science, Double Major in "Computer Science & AI" and "Management"
Courses: NLP, Machine Learning, Algorithms, Programming, AI, Society & Law, Accounting, Entrepreneurial and Competitive Strategy

Horace Greeley High School, Chappaqua, NY. *Valedictorian* *June 2022*
- President of Student Advisory Council • Bausch and Lomb Honorary Science Award, Chief Editor – The Advocate

EXPERIENCE

Goldman Sachs Summer Internship – *AI Research Intern* June – August 2025
- Developed a contract legal analysis and review assistant for lawyers to streamline contract negotiations, resolving markups and generating policy-compliant suggestions. Focused on customized generative AI solutions for financial purposes.

NVIDIA Summer Internship – *AI Software Engineer Intern* June – August 2024
- Developed a novel Retrieval-Augmented Generation (RAG) approach to enhance incident linking and retrieval of the top k-similar incidents, improved to over 89% accuracy. Generated actionable recommendations using LLMS - (brief summary).

Boston Children's Hospital, Harvard Medical School – *Artificial Intelligence's Research Intern* October 2020 – Present
- Developed models to reveal increasing adolescent suicide rates across US with real-time excess mortality state level data.
- Demonstrated quantifiable accuracy vs. generalization tradeoff in BERT-based models built from COVID-19 Twitter data.

Neurons Inc. (Neuromarketing Startup in Copenhagen, Denmark) **–** *Product and Data Science Intern* June – August 2023
- Investigated correlations between EEG subject responses and external market responses to measure consumer engagement.

MIT McGovern Institute for Brain Research – *Undergraduate Research Intern* September 2022 – June 2023
- Modeled Neuronal Recording Signals and Movement Kinematics during decision-making behaviors in freely moving mice

Harvard Center for Research on Computation and Society - *Researcher* October 2020 –December 2022
- Developed Real-Time Poacher Detection Solution for Wildlife Conservation using Spatio-temporal Infrared Videos
- Highlights: Smithsonian Magazine, World Economic Forum, PBS, US State Department, Economic Times, Invited Ted Speaker

ENTREPRENEURIAL ACTIVITIES

StartLabs, https://startup.mit.edu/ *Co-President* September 2023 – Present
- Spearhead MIT's premier student-run entrepreneurship organization, working with startups and VCs like Bessemer Venture Partners, Pillar, Formlabs, etc. Built a robust support network for entrepreneurs. Designed training program for new members.

mozAIrt, mozairt.org *Founder of 501(c)(3) registered nonprofit* January 2019 – Present
- Built international organization (from ground up) impacting over 1000 students (from elementary to college level)
- Supported by AI4ALL, Treehouse, NYAI, ISTE, NCWIT, Westchester County Government. Organized AAAI Workshop.

HONORS AND ACHIEVEMENTS

- **Awards:** ISEF Top Grand Prize, ISEF Peggy Scripps Award for Science Communication, NCWIT National Collegiate Prize, Pete Conrad Scholar Award (NASA Kennedy Space Center), Explorers Club Class of 2023 (50 Explorers Changing the World)
- **Scholarships:** Davidson Fellowship, NCWIT National High School Prize, Greenlight Innovation Award, Sigma Xi

SKILLS AND INTERESTS

Skills: Python, Java, OpenCV, Well versed in Data and Machine Learning Pipelines.
Interests: Harpist (10 years), MIT Bhangra, FAA Drone Pilot License, HackMIT Exec, AI @ MIT Exec, dynaMIT Mentor

PUBLICATIONS

1. Anika Puri, Marie-Laure Charpignon, Maia Majumder, "*State-level decoupling between COVID-19 morbidity-mortality and general public interest is associated with political leaning*", Society for Epidemiologic Research '23
2. Co-author, "*Classification Performance Thresholds for BERT-Based Models on COVID-19 Twitter Misinformation*", SSRN '23
3. Co-author, "*Evaluation of Suicides Among US Adolescents During the COVID-19 Pandemic*", JAMA Pediatrics, April '22
4. Anika Puri, Elizabeth Bondi, "*Space, Time and Couts: Improved Human vs. Animal Detection in Thermal Infrared Drone Videos for Prevention of Wildlife Poaching*", Fragile Earth Workshop, ACM KDD Conference '22
5. Anika Puri, Brian Fallon MD, "*iXoScan: ML based application for real-time detection",* 14th Symp. on Tick-borne diseases '21