

Armaan Vasowalla

armaan@bu.edu

EDUCATION

BOSTON UNIVERSITY

Master of Science in Robotics & Autonomous Systems
Bachelor of Science in Mechanical Engineering (GPA: 3.67/4.0)

- Organizations: BU Combat Robotics Club, BU Marching Band, BU Pep Band, Kappa Kappa Psi

ANDOVER HIGH SCHOOL

- Organizations: Andover Robotics Club, Marching Band, Yo-yo Club

BOSTON, MA

Expected May 2026

May 2024

ANDOVER, MA

PROFESSIONAL EXPERIENCE

BOSTON UNIVERSITY MATERIAL ROBOTICS LAB

Undergraduate Research Assistant

- Designed a rotoliner drive for a soft robotic bronchoscope
- Iterated on the design of a 3D printed mold for a soft robot

BOSTON UNIVERSITY ROBOTICS LAB

Undergraduate Research Assistant

- Programmed the framework for an experiment for path optimization for data collection in Python
- Learned Python and ROS
- Collected data to fit a model for transmission rate using bluetooth communication

BOSTON UNIVERSITY COLLEGE OF ENGINEERING UNDERGRADUATE PROGRAMS OFFICE

Office Assistant

- Answered phone calls and in-person queries about the engineering department

GLOBAL PARTNERS LP

HR Intern

- Conducted over 1,000 job applicant phone screenings
- Created QR codes for job applications to increase application accessibility
- Proposed a social media action plan to increase the company's online presence, job applicants, and worker retention

VECTOR MARKETING

Sales Representative

- Sold over \$1,000 worth of kitchen cutlery
- Conducted online demonstrations and processed customer orders

MRS. D'S SWIM SCHOOL

Red Cross Certified Swim Instructor

ANDOVER, MA
Aug 2012 – Aug 2019

ACHIEVEMENTS

AWARDS: Cum Laude (BU), College of Engineering Dean's List (BU), Distinguished Summer Research Fellowship (BU), Academic Honor Roll (AHS), Eagle Scout (Scouts BSA), National Outdoor Award: Camping Gold (Scouts BSA), Inspire Award (FIRST), Collins Aerospace Innovate Award (FIRST), Design Award (FIRST)

LEADERSHIP POSITIONS: EK 100 Student Advisor (BU), Brotherhood Chair (KKΨ), Senior Patrol Leader (Scouts BSA), Den Chief (Scouts BSA), Quartermaster (Scouts BSA), CAD Advisor (AHS), Team Leader (AHS), Brass Section Leader (AHS Marching Band)

SKILLS AND INTERESTS

SKILLS: CAD (SOLIDWORKS, PTC Creo, Fusion 360), Swimming (Red Cross Level 6), Spanish (Conversational), People Management

INTERESTS: Music, Cooking, Camping, Teaching, Photography, Yo-yo