

ARHAM BHANSALI

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EDUCATION

Duke University

Aug 2025 – Present

BSE in Electrical and Computer Engineering and BS in Physics

Durham, NC

- **GPA:** 3.925/4.00 | **Activities:** Duke Venture Group, Duke Applied Machine Learning, Duke Sangeet, Badminton Club
- **Relevant Coursework:** I&E Design your Duke Journey, Data Structures and Algorithm, Intro to AI

Dhirubhai Ambani International School

Apr 2020 – May 2025

- **IBDP:** 42/45 | **IGCSE:** 10 A* | **SAT:** 1550/1600 (Math: 800, Reading: 750)
- **Honors:** Honor Roll, Academic Excellence Award for 10 Subjects

Mumbai, India

Research Science Institute (RSI), Massachusetts Institute of Technology (MIT)

Jun 2024 – Aug 2024

- Researched at Harvard Medical School for 6 weeks under Prof. James Michaelson
- Submitted paper titled "Biological Lifespan of Humans and the Influence of Growth Parameters and Temperature"

Boston, MA

WORK EXPERIENCE

Mudita Ventures

Sep 2025 – Dec 2025

VC Analyst

Durham, NC

- Built the website for CentSight, a tool for conducting due diligence and CRM for early-stage tech startups
- Created presentations and analysis on differences in approaches to private equity, venture capital and private businesses

Media Lab, MIT

Aug 2024 – Jan 2025

Student Intern, Programming team

Boston, MA

- Involved with building Neuro86, a tool to act as companion for patients to manage their post-operative journey
- Worked under Prof. Ramesh Raskar, associate professor and had of MIT Media Lab's Camera Culture group

State Climate Action Cell

Jan 2024 – Mar 2024

Student Researcher

Mumbai, India

- Researched and created a review on the use of carbon capture, utilization and storage technology at industrial scale
- Suggested and provided a roadmap for potential industry policies to reduce carbon emissions

Civil Engineering Lab, IIT-Bombay

Dec 2023 – Apr 2024

Student Researcher

Mumbai, India

- Researched on Novel Soil Deformation Analysis using Digital Imaging (MATLAB) under Prof. Ashish Juneja
- Presented research at DFI-International conference as the youngest presenter, with paper published in Springer Nature Link

PoCRA department for climate-resilient agriculture

Sep 2023 – Jan 2024

Student Researcher

Mumbai, India

- Researched on using climate resilient technology and novel irrigation methods in rainfed areas to reduce water loss
- Published Paper to Bulletin of Pure and Applied Sciences – geology (BPAS-geology)

LEADERSHIP & EXTRACURRICULAR INVOLVEMENT

Celer Bio

Oct 2025 - Present

COO, Co-Founder

- With a team of 5, built a bioinformatics startup for accelerating multi-omics data analysis and research
- Received \$1000 from Duke Launch and additional funding from NYU startup bootcamp
- Partnered with researchers from Harvard, Cornell, NYU, Duke, UNC Chapel Hill and Bascom Palmer Eye Institute

Yuva Maitri Organisation

Dec 2023 – Dec 2025

Leader and Founder

- Founded and led a Youth Organisation with members from 8 different schools from 6 countries to solve youth issues
- Held workshops, webinars, and seminars at schools and colleges with the cumulative participation of 30,000+ individuals
- Awarded the Youth Icon award by the Society Interiors Magazine for awareness on drug addiction, CPR training and others

Awards:

- **IESO Training Camp:** Placed top 40/12000 participants and selected for Training Camp held at Shillong, India
- **Global Child Prodigy Awards:** Awarded certificate of appreciation and website feature
- **Residency Delta II Program SF:** Finalist. Developed PillMate AI, a tool to manage medications and medical history
- **Math Contests:** Won Gold / recognized at SASMO, SEAMO, Infinity Math Contest, BMT and SMT

SKILLS & INTERESTS

- **Skills:** Python, Java, NLP, CAD (Fusion), Spanish (Intermediate), MATLAB, ML model training, Data Analysis
- **Interests:** Soccer, Badminton, Guitar, Photography, DJ, Building, Neurotech