





Pratham Shroff

The world being a small place, I believe my role here is critical. In terms of results, I believe I'm quite perseverant with a penchant to challenge myself with newer & tougher problems.

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EDUCATION

BA, Computer Science

Boston University, Boston, MA

Expected May 2024

- Coursework: CS111/112/131/132/210/237 & EC101
- edX Coursework: Prof. Cert. in Blockchain Fundamentals, UC Berkeley & Intro to Engg. & Design, Brown University

International Baccalaureate®

Diploma Programme (IBDP)

Dhirubhai Ambani Intl. School,

Mumbai, India

- GPA 3.80 w/ Achievement Awards in Physics, Chem & Math
- SAT Math II 800, TOEFL 109/120

ACTIVITIES

- Member of Cybersecurity, Competitive Robotics & Google Developer Students Club at BU
- India Rank 1, Intl. Mental Math Competition (2015, 2016 & 2017)
- 13 Awards in 18 Model UN Conf. as a Delegate, 6 Conf. as Chairperson ([see list](#))
- Vice President, Debate Club & President, Nature Club (Jr. High)
- Teach for India, Round Square, India Water QA, SMEC, EUMIND, IAYP & Rotary Intl. Volunteer
- Certified Prof. Equestrian
- Certified Mandarin Proficiency

PROJECTS

- distractopathy.com
- prathamshroff.github.io
- shop.prathamfilter.com
- cookies.wafflehouse.co.in

WORK EXPERIENCE

Founder & CEO, Distractopathy

07/19 - PRESENT

- Built a Driver Distraction Detector using ML via Python (TensorFlow)
- Created distractopathy.com with embedded user-executable code
- Envision an in-vehicle innovation, a product (equiv. of Nauto) that acts as an all-round driver behaviour solution

Project Intern (Cybersecurity), IC Universal Legal

07/19

- Conducted due diligence for a cybersecurity acquisition as part of an 8-member team while exploring law as a post-grad field of study

Student Developer, Stanford Inspirit AI Scholars Bootcamp

07/19

- Selected for 40hr bootcamp teaching numerous AI concepts, ML models (linear & logistic regression, k-NN and ConvNets) & python libraries (Numpy, Pandas, Matplotlib, Keras, Sci-kit & Seaborn)
- Started focused project in Computer Vision in team of 4 segregating pictures of people into 4 action-based categories using CNN

Senior Intern, India's Intl. Movement to Unite Nations

09/18 - 03/19

- Selected & Trained Presiding Officers for 220+ natl. & 22+ intl. conf
- Prepared Study Guides (10k+ words) focused on global issues

Data Analyst Intern, Marcuras Water Treatment

04/18 - 07/19

- Explored every aspect of water filtration (sales, marketing & engg.) through various conf. & factory visits
- Automated design of industrial RO plants using ML-CNN on unorganized company datasets, built space-time tradeoff into Hydranautics' IMSDesign in-turn reducing engg. man hours by 50%

CTO, Head of Online Sales & Marketing,

04/18 - PRESENT

Pratham Filter Industries,

- Development & maintenance of shop.prathamfilter.com
- Finding new products & vendors, integrating shipping & customer care & organising OEM seminars
- Delegated duties to 3-person team, now supervised once/wk

SKILLS

- Data Visualization
- Design Thinking (UX)
- Entrepreneurial Thinking
- Organization & Plan Development
- Software Development
- Python, Java, C, Git, GitHub
- CorelDraw, Adobe Photoshop & Illustrator