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in /prathamshroff

PRATHAM SHROFF

he/him/his

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.

EDUCATION

Computer Science, Bachelor of Arts
Boston University,
Boston, MA   05/24
- Member of Cybersecurity, Competitive Robotics & Google Developer Students Club at BU

International Baccalaureate®
Diploma Programme (IBDP)
Dhirubhai Ambani Intl. School,
Mumbai, India   07/18 - 05/20
- GPA 3.80 w/ Achievement Awards in Physics, Chem & Math
- SAT Math II 800, TOEFL 109/120
- Vice President, Debate Club & President, Nature Club (Jr. High)
- Teach for India, Round Square, India Water QA, SMEC, EUMIND, IAYP & Rotary Intl. Volunteer

ACTIVITIES

- edX: Prof. Cert. in Blockchain Fundamentals, UCBerkeley & Intro to Engg. & Design, Brown
- Awarded Aryabhatta Award for India Rank 1 at Intl. Mental Math Competition (2015, 2016 & 2017)
- Recd. 13 Awards in 18 Model UN Conf. as a Delegate, 6 Conf. as Chairperson (see list)
- Certified Mandarin Proficiency

PROJECTS

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

WORK EXPERIENCE

Founder & CEO, Distractopathy   07/19 - 12/21
- Built a Driver Distraction Detector using ML Python (TensorFlow)
- Created distractopathy.com with embedded user-executable code
- Envision an in-vehicle innovation, a product - an all-round driver behaviour solution (equiv. of Nauto)

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 with 3 peers segregating pictures of people into 4 action-based categories using ConvNets

Data Analyst Intern, Marcuras Water Treatment   04/18 - 06/19
- Explored every aspect of water filtration (sales, marketing & engg.) through various conf. & factory visits
- Automated design of industrial RO 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,
Pratham Filter Industries,   04/18 - PRESENT
- Single-handedly developed & maintain front-end of shop.prathamfilter.com; Integrated shipping, sales & warehouse mgmt & SAP viz. back-end APIs; Cut down 80+ person-hours/week
- Assisted in business development viz. finding new products & vendors, training new customer care division, leading OEM-meets
- Delegated duties to 3-person team, now supervised once-a-week

SKILLS

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