

EDUCATION

Boston University, Boston, MA | BA in Computer Science, Minor in Business Administration 09/20 – 05/24

- Relevant Courses: Android App Development, Data Science Tools & Applications, Database Systems (SQL), Software Engineering, Algorithm Design, Functional Prog., Linear Algebra, Probability, Combinatorics & Computer Systems (C)

Dhirubhai Ambani Intl. School, International Baccalaureate Diploma Programme, GPA 3.80 07/18 – 05/20

- IBDP Subject Achievement Awards in Math, Physics & Chemistry; Cert. in Further Math HL, SAT Math II 800/800

SKILLS

Python, Java, SQL, Flask, C, OCaml, JavaScript, HTML, CSS, Android Studio Proficient

C++, MATLAB, CorelDraw, Adobe Photoshop & Illustrator, Tableau, Hadoop Limited Proficiency

Project Management, DevOps, Design Thinking (UX), Innovation & Entrepreneurship

PROJECTS AND AWARDS

- **Distractopathy – Driver Distraction Detector:** Envision an all-round driver behavior solution utilizing ML; developed a user-executable script to categorize pictures into categories using TensorFlow & embedded it on distractopathy.com
- **TerrierTracks – Stock Tracking & Pseudo Trading:** Applied agile methodologies & the software development life cycle (SDLC) to build a stock trading simulator focusing on the back-end development with Java & Google Finance APIs
- **PhotoShare – Social Network:** Built a web application similar to Flickr! using Flask (Python, HTML) & MySQL with functions like login, profile creation, browsing, searching & sorting via SQLjoins practicing ‘pair programming’
- **RemindU – Chrome Extension:** Created a web app. for BostonHacks 2021 using JS, HTML, CSS & Sass to promote better mental health by periodic personal-care notifications & productivity by custom user-defined time-based reminders
- **NightOut Android App:** Leading a team of 5 as **ScrumMaster** for an app that allows a user to plan a wholesome night experience integrating OpenTable, Yelp, Eventbrite, Barzz & Zipcar APIs with Firebase auth. using Studio & SQLite
- **Assortment of Mini Android Apps:** Created various android apps in Android Studio (Java, APIs) like Flash Card App, Calculator, Accelerometer, Simple Boggle & Dating App. and learnt more about fragments, bundles & unit testing
- **Aryabhatta Awards:** For All India Rank 1 at Global Mental Mathematics Competition (2015, 2016 & 2017)
- **Model UN:** Received 13 Awards in 18 Conferences as delegate, Served as chairperson 6 times. bit.ly/p-mun

EXPERIENCE

Cisco Systems (Duo Security), Ann Arbor, MI | Incoming Software Engineer Intern 05/23 – 08/23

- Improving user experience & security on the DUO Mobile app using Kotlin (Android) & Python (back-end)

Marcuras Water Treatment, Pune | Machine Learning & Data Science Intern 05/22 – 08/22

- Improved time complexity of Hydranautics' IMSDesign using new data structures reducing average compute time by 40%
- Developed an algorithm for optimal antiscalant conc. levels implementing data science models such as KMeans, Decision Trees and Naïve Bayes & analyzed regression trends to determine optimal sand filter and softener vessel compositions

Pratham Filter Industries, Mumbai | Software Engineering Intern 05/20 – 12/20

- Developed & maintain front-end of shop.prathamfilter.com; Led complete e-commerce business development viz integrating shipping, sales & warehousing via. Shopify, ShipRocket, SAP & AirTable APIs; Cut 80+ man-hrs/wk

Stanford Inspirit AI Scholars Bootcamp | Student Developer 07/19 – 07/19

- Learned AI concepts, ML models & completed capstone project in Computer Vision with 3 peers segregating pictures of people into 4 action-based categories with k-NN, CNN & libraries (NumPy, pandas, Matplotlib, Keras, scikit-learn etc.)

The Next Genius Foundation, Mumbai | Summer Research Intern 05/19 – 07/19

- Researched trends in cryptocurrency use in LEDCs under a prof. from London Business School, explored several instant liquidity platforms to find the best fits & earned the Professional Certificate in Blockchain Fundamentals (UC Berkeley)

IC Universal Legal, Mumbai | Project Intern (Cybersecurity) 06/19 – 06/19

- Conducted due diligence for a cybersecurity acquisition as part of an 8-member team while exploring law as a post-grad field of study and wrote reports for associates taking advantage of data scraping