

Sumeet Motwani

sumeetmotwani.com

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EDUCATION

- **University of California, Berkeley** Berkeley, CA
Computer Science & Data Science Sophomore
- **Dhirubhai Ambani International School** Mumbai, India
IB Diploma: 44/45 Academic Excellence Award; SAT/ACT: 1540/35; AP Diploma Award July. 2019 – May. 2021

EXPERIENCE

- **University of California, Berkeley - Professor Dawn Song** USA
Undergraduate Researcher September 2021 - Present
 - **Research:** Working on Machine Learning for Cybersecurity under MacArthur Fellow 'Genius Grant' and MIT TR35—Professor Dawn Song and ML Safety researcher—Dan Hendrycks through URAP
 - **Topics:** Adversarial Attacks on Malware Classifiers, Static Code Analysis, and Critical Infrastructure Security
- **Bellator Trust** USA
Private Equity Analyst—Intern September 2021 - Present
 - **Search Fund and Deal Screening:** Sourcing B2B Software companies and modelling deals and acquisition costs
- **University of California, Berkeley** USA
Teaching Assistant: Digital Privacy DeCal - CS 198-098 August 2021 - Present
 - **Democratizing Education:** Supplemental Cybersecurity instruction and designing curriculum for 60+ students
- **Google** USA-Remote
Computer Science Summer Institute July 2021 - August 2021
 - Participated in a 4-week intensive computer science summer program for high-achieving students
 - Completed a project-based JavaScript processing curriculum taught by Google engineers
 - Built 'Summarization', a chrome extension to automatically summarize articles and reports using OpenAI's GPT-3
- **Defence Research and Development Organization, Ministry of Defence** India
Machine Learning Research Intern May 2020 - July 2020
 - **Disguised Face Recognition:** Worked as a researcher on a defence project on disguised face recognition and built an ML model using TensorFlow and Keras for facial key-point extraction and angle measurement based recognition
- **Pristine InfoSolutions** Mumbai, India
Cyber Security Analyst Intern April 2019 - July 2019
 - **Red Team:** Worked on a Red Team project for a major pharmaceutical company. Built a Raspberry Pi SSH network sniffer, conducted Wireless Penetration Testing, and led a successful phishing campaign
 - **Network Security and Shell Scripting:** Built an automated Open Source NMAP network security software

PROJECTS

- **COVID-19 Machine Learning Model:** Developed India's first ML model to diagnose COVID-19 through chest radiographic images and was featured in Forbes India, The Times of India, RepublicWorld, and YourStory
- **TheHackerForum.com:** Founded TheHackerForum.com, one of the world's largest white-hat hacking communities with 100,000+ users from 120 countries and 10 interns with a limited 100 USD budget
- **Cloud Based Cyber Ranges:** Published a whitepaper on IDS and Cyber Ranges as a security researcher at Inspira
- **Virtualinternship.org:** Founded Virtualinternship, one of the world's largest virtual internship job boards with 10,000+ signed up users. Recruited interns, managed operations, and developed the site using HTML, CSS, & JavaScript

ACADEMICS, AWARDS, AND IMPACT

- **Won Hackathons at IIT Bombay, IIT Guwahati, IIT Kanpur:** Built malware classifiers, autonomous cleaning robots, and vulnerability scanners and was the youngest person to ever win the IIT Bombay Hackathon
- **American Invitational Mathematics Examination:** Score of 10; 99.7 Percentile; Ranked 1st in India
- **Certified Ethical Hacker:** Received in 2018 as one of the world's youngest ethical hackers
- **ICSE Grade 10 National Examinations:** 98.8%; National Rank 5/200,000; School Rank 1/266
- **Founder and President:** Hacking & Coding Club at Dhirubhai Ambani International School; Largest club in school