

Anshul Gupta

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Education

Massachusetts Institute of Technology | Cambridge, MA Aug 2023 – Jun 2027
Bachelor of Science, Computer Science & Management; **Courses:** Fundamentals of Programming, Intro to Python, Startups & Law, Intro to Management, Microecon, Physics, Chemical Science, Entrepreneurship Seminar
Activities: *StartLabs, MIT Tech Consulting, Entrepreneurship Club, Motorsports FSAE, AI@MIT, VR, MIT Solve*

Archbishop Mitty High School | San Jose, CA Aug 2019 – May 2023
4.51 GPA/12 APs; *Computer Science Club* President, *Wind Ensemble* Assistant Drum Major & Percussion Section Leader, *Business Club* Officer, *First Robotics Competition* Subsystems Engineer & Fabrication Operator

Experience

AUesome | Bay Area, CA Jun 2020 – Present
Co-Founder & CEO

- www.auesome.co; Startup making autism therapy accessible by bridging its physical & digital worlds
- Design & distribute **17.5k therapy resources** & oversee **18 chapters** across **7 countries & 26 states**
- Collaborate with **32 organizations & 35 professionals** to form a board of advisors & iterate our product
- Raised **\$19k in funding** & featured on **18 news** channels; invited to speak & pitch at global conferences
- Develop web & mobile app in **Node.js/React & Flutter**; sold resources with digital platforms B2B/B2C

Stanford Fung Lab | Palo Alto, CA May 2022 – Present
Data Analysis Researcher

- Study on human subjects (IRB): Digital Phenotyping of Neurodevelopmental Disorders via Smartphones
- Aggregate data & analyzed trends in phone usage from participants via “**Beiwe**” software over 6 months
- Clean, visualize, & correlate **900k+** GPS & communication data inputs with participants’ behavioral data
- Worked under Dr. Lawrence Fung & collaborate with Harvard Onnela Lab; leverage **Python, Tableau, R**

ThetaHacks | Sunnyvale, CA Dec 2020 – May 2023
Executive Director

- Hosted international 501(c)(3) high school hackathon with **26** adult/student volunteers; developed website
- **511 participants** from **25 nations**; **81** student projects; worked with **25 sponsors**; raised **\$20k in prizes**

Awards

MIT Solve Winner – 837 teams (90+ countries), \$6k prize, all-inclusive trip to Solve at MIT conference in MA
South by Southwest Student Startup Competition 1st Place – \$1k prize, pitched to 200+ at conference in TX
T-Mobile Changemaker Challenge Winner – 225 teams, \$5k prize, all-inclusive trip to T-Mobile HQ in WA
World Series of Innovation 2nd Place – \$600 prize, 32k participants (65 nations), addressed UN SDG 17 track
AIME Qualifier with Distinction – 118.5 AMC 10a raw score + 6 on AIME (total index: 178.5; top 1% in USA)
Diamond Challenge Equity Thru Entrepreneurship Winner – 835 teams (37 nations), \$1.5k prize; pitch in DE
Synopsys Science Fair Championship AIAA Intelligent Systems Award – Gensic IoT project; 1k participants
The Diana Award Recipient – Globally recognized by UK Royal Family for AUesome’s social impact in equity

Projects

Gensic (Generative Music Therapy Based on Biometric Properties) [*Patent-Pending*]: Uses heartbeat (Raspberry Pi) & emotion (via OpenCV/Tensorflow) to mutate & produce wave frequencies that generate therapeutic music
ISMA (theismaproject.com): NLP RoBERTa-Large model determining trends of islamophobia in social media
Laetus: Progressive web application (PWA) to help train emotion recognition with games & locate nearby clinics
Hapticality: Designed, 3d-printed, & manufactured gloves simulating virtual reality finger movement in real-time

Skills

Javascript, Express, React, Node.js, MongoDB, Python, Tensorflow, OpenCV, R, Tableau, Java, Fusion 360, Dart