

# Anshul Gupta

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## Education

**Massachusetts Institute of Technology** | Cambridge, MA Aug 2023 – Jun 2027  
Bachelor of Science, Computer Science & Management (Double Major); **Activities:** *StartLabs, MIT Tech Consulting, AI/ML (AIM) Labs, VR@MIT, Entrepreneurship Club (MEC), Motorsports Formula SAE, MIT Solve*  
**Coursework:** Fundamentals of Programming, Intro to Management, Startups & the Law, Microecon, Mechanics

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

## Experience

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

- [www.auesome.co](https://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 “**Beive**” 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** – Math Olympiad; Received a 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](https://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

**Technical:** Javascript; MERN (MongoDB, Express, React.js, Node.js); HTML/CSS; cPanel; Python; Tensorflow; OpenCV; NLP; R; Tableau; Unix; Java; Fusion 360; Swift; Flutter; Git; Anaconda; Visual Studio Code; XCode