

Kavya Gupta

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<https://www.linkedin.com/in/kavya-gupta-9a8701254/>

Education

The University of Alabama - Tuscaloosa, AL

Bachelors of Science

Computer Science Finance

May 2028

Amity International School, Saket - New Delhi, Delhi

Mathematics, Physics, Chemistry, English, Computer Science

91.0/100

Saket, India

Computer Science Computer Science

May 2024

Key Experience

President, Futureal - Tech Club of Amity International School, Delhi, India

Dec 2022 - Jan 2024

- Organized 100+ intra & interschool events
- Mentored 200+ students & fostered young talent through regular teaching sessions

Junior Developer, Mednet Labs, Nagpur/Delhi, India

Dec 2020 - Nov 2021

- Tested 10+ modules in HR and Lab
- Created 50+ MIS pages with Excel and PDF integration

Skills

Programming Languages: Java, Python, MySQL, Javascript, C

Finance: Entrepreneurship, Stock Management, Financial Analysis

Projects

HealEar, New Delhi

Jun 2022 - Jan 2024

- Developed a voice normalization software using machine learning and CNN for Patients with Epilepsy, Noise Induced Hearing Loss and Sensorineural Hearing Loss. Copyright granted.

Nanoparticle rotary-based engine, New Delhi

Apr 2023 - Dec 2023

- Integrated nanoparticles and fuels to enhance efficiency and reliability of internal combustion engines.

EpiCure, New Delhi

Aug 2022 - Sep 2023

- Prototyped an optical adaptive device to combat photosensitive epilepsy by harnessing advanced data-driven recognition algorithms and holographic projections to mitigate hypersynchronous seizures.

UMEED, New Delhi

Jun 2021 - Jan 2023

- Programmed a virtual reality game using natural language processing and latent semantic analysis for conversation therapy for patients with speech Disorders or aphasia post stroke rehabilitation.

Awards

- Shape the Future Challenge - World Rank #4 out of 500+ teams in the Shape The Future Challenge (Nanoparticles rotary-based engine)
- NFTE-WSI - World rank #3 out of 2k+ teams at the NFTE World Series of Innovation Challenge. (UMEED)
- Wharton-KWHS International Investing Competition - Analyzed case study profile & developed quant algorithms accordingly; assisted and collaborated to paper trade \$100k. Top 55 out of 5500 teams globally
- ARSSDC - Designed Proposals for future space settlements, communicated and interacted with a team of 60+ members from across the globe; Asian winners
- CONRAD Spirit of Innovation Challenge - Top 40 globally in health and nutrition category. (EpiCure)
- IRIS (Indian Qualifier to ISEF) - Top 0.1% nationally. Copyright granted. (HealEar)