

Dev Narang

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Ambitious high school sophomore, with a passion for artificial intelligence, robotics, leadership and empathy. Advanced in math and science. Dedicated to combining technical expertise with interpersonal skills to make a positive impact.

Education

Georgetown Day School (GDS) – Class of 2027

GPA: 3.8 Unweighted

Current relevant classes: Pre-calc (upper level), Statistics (AP), Coding for social impact (upper level)

AP courses completed: AP Precalc (5), AP CSP (93)

AP courses in progress: Statistics, Biology

Languages: English, Spanish, Hindi

Tech Skills: Python, Java Script, C-Sharp, Machine Learning, Robotics Design, Data Analysis

Extracurricular Activities

- **Volunteer, Children's Inn at NIH:** (January 2020 – Present; 1 hour/week, Ongoing) Organize events and activities for children from all over the world with illnesses that come to treatment at NIH, provide support and companionship. Developing a virtual classroom platform with live translation to support kids learning needs.
- **Founder of Ping-pong club:** (September 2024 – Present; 2 hours/week) Co-founded a ping pong club, recruited members and organized tournaments.
- **American Ninja Warrior:** Applied for American Ninja Warrior and made it to the waitlist for American Ninja Warrior (Top 370 out of 70,000 applicants).
- **Buddy Program:** (10th Grade; 2 hours/week, Ongoing): Mentor a younger student, offering guidance on academics and social challenges to ease their transition to high school. Facilitate weekly activities designed to build confidence and a sense of belonging in the school community.
- **Black Belt in Karate** (November 2020): Mastered the techniques and principles of karate.
- **Varsity Wrestling** (Winter 2024): On my school's varsity wrestling team.

AI/ML Experience

- **Amida Internship:** (July 2024 – August 2024): Utilized graph theory to solve complex problems in data analysis and software development.
- **Skyward Solutions Internship:** (Winter 2024–2025): Developed applications using AWS EC2 and Lambda for API requests. Explored natural language processing using LLMs, such as ChatGPT and Haystack, to enhance user interactions and automate text-based responses. 2-week paid internship.
- **Hackathon:** (March 2024): Won 100 dollars for an automatic medicine dispenser.
- **2nd + 3rd Hackathon:** (November 2024 and April 2025): Focused on real-world applications for carbon emission tracking, enhancing technical and problem-solving skills, won over \$200.
- **Personal Project:** (August 2024 – Ongoing): Designed a home project integrating hand tracking, live camera depth analysis, and GPT-powered voice assistants. Incorporated Google Maps integration for live navigation and built interactive tools for seamless user experiences.
- **President, Robotics Club:** (9th Grade, 2023 – 2024): Led a team of 15 members to design and build a robotics/AI project. Made an AI-powered speed trap system to monitor and record vehicles exceeding speed limits in school zones, which helped with campus safety. Used computer vision and machine learning with Python and OpenCV to identify speeding vehicles. Directed team schedules, assigned roles based on individual strengths, and managed project timelines. Mentored new members, teaching foundational robotics and programming skills to enhance the team overall.
- **Stock Price Prediction Project (2025 - Current):** Built a machine learning pipeline using XGBoost, scikit-learn, and pandas to predict stock prices based on historical trends and technical indicators. Evaluated model performance using cross-validation and optimized hyperparameters to improve accuracy.
- **Startup (2025 - Current):** Working on an app to enhance people's studying processes.