

Shreyas Nirmala Bhaskar

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EDUCATION

The Village High School – Houston, TX | Full IB Diploma | Cumulative GPA: 4.56, Top 5%, ACT: 35 | **May 2026**

TECHNICAL SKILLS

Java, Python, MySQL, Github, React.js, JavaScript, tailwindCSS, Node.js, HTML, CSS, LaTeX, Docker, Vercel, BeautifulSoup

RELEVANT COURSEWORK

Computer Science: Intro to Artificial Intelligence, AP Computer Science A (5), Intro to Computer Science.

Math: IB Math Analysis and Approaches Higher Level, AP Calculus BC (5), AP Statistics (5).

Natural Science: IB Physics Higher Level, IB Chemistry Higher Level, AP Physics C Mechanics (4), AP Physics 1 (5).

EMPLOYMENT EXPERIENCE

The /Nudge Institute | Software Engineering Intern | Houston, TX | **July 2025 – August 2025**

- Created interface for proposal curation using previous proposal data and new proposal questions
- Developed a tool to recommend specific Nudge programs for specific foundations using web scraped data

Viking Initiative for Building Excellence (Vibe) | Co-Founder | Houston, TX | **June 2025 – Present**

- Recruited 15 tutors with top subject-specific and communication skills.
- Developed ACT course (6 lessons ~ 3 hours)
- Created a chatbot with previously loaded subject-specific context and screenshot(text/math) + text query capability for free

PROJECTS

Strike Email Sender | Village Tutoring Club | Houston, TX | **August 2025**

- Used Google Apps Script interface to write a JavaScript script to send automated attendance warning emails using SpreadsheetApp and GmailApp functions based on attendance log sheet structure.

Honor Society Duties Tracker | National Honor Society, Computer Science Honor Society | Houston, TX | **August 2025**

- Used Canvas LMS API, and Google Sheets API to write a python script to return a list of emails of inactive members.

Screenshot to Latex Converter | Viking Initiative for Building Excellence | Houston, TX | **July 2025**

- Repurposed Github Repository pix2tex for Vibe Chatbot (enhanced taylor series recognition), deployed as microservice

Cricket Rain Affected Target Setting Method | IB Extended Essay: Mathematics HL | Houston, TX | **July 2025**

- Modeled a novel target-setting method for rain-affected cricket matches using multivariate least squares optimization - used python scripts using NumPy and SciPy; used paired T-test to show statistically significant improvement over the DLS method.

LEADERSHIP & VOLUNTEER EXPERIENCE

Village Tutoring Club | Tutoring Coordinator | Houston, TX | **August 2023 – Present**

- Organized scheduling (HS + MS Parent weekly communication), oversaw 155+ hours, increased club size by 79%

Computer Science Honor Society | President | Houston, TX | **August 2024 – May 2025**

- Organized bi-weekly meetings, school's first Code Challenge (25+ participants), led club with no prior club participation

National Honor Society | Vice President | Houston, TX | **August 2024 – Present**

- Raised \$10.5K+ for Childhood Cancer Awareness, organized bi-weekly meetings, induction for 120+ members

Model United Nations | Director of Research | Houston, TX | **August 2024 – Present**

- Made 15+ hours of material for new delegates, created and executed 4 mock conferences with 8 member leadership team

HONORS

Academic Awards

- AP Scholar with Distinction | Best Research HAMUN - NATO | FIT District Finalist | FIRST State Qualifier.

Cricket Awards

- 2nd most valuable bowler - South Texas Youth Cricket League | 3rd most valuable bowler - Houston Youth Local League | Represented Houston at MLCjr Championship U17 (Nationals).