

# Shreyas Boddani

+1 203-895-6847 · shreyasboddani@gmail.com · linkedin.com/in/shreyas-boddani

## Education

### • Georgia Institute of Technology

*Distance Computer Science Dual Enrollment*

Courses: CS 1301

Atlanta, GA

Fall 2025

### • North Forsyth High School

(GPA: 4.32)

AP Courses: CSA, World History, Environmental Science, US History, Chemistry, English Language, Statistics, Precalculus

Activities: DECA, FBLA (VP of Community Service), STUCO, Educo (VP of Community Service), Squash (ACS)

Cumming, GA

Aug. 2024 - May. 2027

### • The McCallie School

(GPA 4.3)

AP Courses: AP CSP

Chattanooga, TN

Aug. 2023 - May. 2024

## Leadership/Experience

### • Educo Tutoring — VP of Community Service

May 2025 – Present

- Coordinating tutoring program at NFMS, managing scheduling and mentor matching for middle school students.
- Delivered 20+ hours of chemistry tutoring, improving student understanding and performance.

### • FBLA North Forsyth High School — VP of Community Service

May 2025 – Present

- Organized chapter events and led service projects including School Supply Drive, Recruitment Drive, and T-Shirt Design.

## Projects

### MENTICS — AI College Planning Platform

Jun 2025 – Present

- Engineered a full-stack Flask web app with an SQLite database to deliver personalized test prep plans and college roadmaps.
- Integrated the Google Gemini API for adaptive AI-driven guidance and built a chatbot for real-time mentorship support.
- Designed a responsive frontend with HTML, Tailwind CSS, JavaScript, and ApexCharts to track progress visually.
- Implemented secure authentication with both standard registration and Google OAuth 2.0 sign-in options.

### SafeRoute — Hack Forsyth Hackathon Project

Sep 2025

- Built a WWII-themed civilian safety simulation in 5.5 hours using Python, Tkinter, OpenStreetMap, and OSRM routing.
- Designed interactive UI to simulate danger zones and evacuation routes, emphasizing rapid prototyping and API integration.
- Presented the project's technical architecture and demonstrated a functional prototype to a panel of hackathon judges.

### Trend Death Simulation Using Conway's Game of Life

Aug 2025

- Modeled social media trend lifecycles by adapting Conway's Game of Life in Python with Tkinter and Matplotlib for interaction.

### Content-Based ML Recommendation Engine (Anime)

Jul 2025

- Built a content-based recommendation engine using TF-IDF, Jaccard Similarity, and an Autoencoder neural network model.
- Implemented custom heuristics to filter sequels and spin-offs, improving the diversity and novelty of recommendations.

### Machine Learning for Student Stress Prediction

Jul 2025

- Engineered an ML pipeline achieving ~90% accuracy in predicting student stress using SVM, Random Forest, and MLP models..
- Used feature importance analysis to identify key stress factors, highlighting the model's potential in student wellness apps.

## Skills

- Languages: Python, Java, JavaScript (ES6) — experience in both academic projects and personal applications.
- Web / Full-Stack: HTML, CSS, Tailwind CSS, Flask, SQLite, GitHub — practiced in end-to-end app building.
- Data & AI: Machine Learning, Deep Learning, TensorFlow/Keras, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
- Developer Tools & Platforms: APIs, REST, OAuth 2.0, ApexCharts, Tkinter, Threading, Version Control

## Certifications and Awards

- IT Specialist – Software Development, Certiport / Pearson VUE (Apr 2025)** — Certified in programming logic, data handling, and software
- 1st Place, Geometry Division, 2024 TMTA Regional Contest** — Recognized for advanced mathematical reasoning and problem-solving ability.
- GA FBLA Region Leadership Competition – 3rd and 6th Place** — Achieved top placements in business presentation and business procedures.
- Allison Memorial Geometry Award Recipient** — Awarded for consistent achievement and excellence in high school geometry coursework.
- Dr. T.E.P. Woods Award for Academic Excellence** — Awarded for consistent achievement and excellence in high school geometry coursework.
- Michaels-Dickson Scholar – \$28,000 Merit Scholarship** — The McCallie School — Selected for strong academics, leadership, and character.
- GA DECA State Conference — 13th Place** — Wrote and presented a business manual for Unify, an app concept to connect people.