Bela Gupta

SKILLS

- Certifications: Microsoft Excel Expert; Workato Automation I & II; NY Junior Science Academy Research Program
- Skills: Java; Python; HTML; CSS; JavaScript; MS Office; Canva (Design); Procreate (Art); Spanish (fluent)

WORK EXPERIENCE

Quant Analyst Intern ❖ QuantInsti ❖ Virtual   Feb 2025 - Aug 2025
- Created 2 applications for managing stock and historical data based on Charles Schwab's and Alpaca's trading APIs.
- Provided improvement guidelines for 25 hours for course materials and responded to active learners' questions.

Robotics and Math Instructor ❖ STEM Builders ❖ Morrisville, NC   Jan 2025 - Present
- Taught coding and robotics fundamentals to K-8 students to compete at First LEGO League Robotics competitions.
- Led multi-level math classes in 8 curriculums and 2 competitions for Math Kangaroo, AMC-8, and final exams.

LEADERSHIP

Senior SAT Math and Calculus Tutor ❖ Schoolhouse.world ❖ Virtual   Apr 2022 - Present
- Tutored 80+ learners in month-long SAT Bootcamps and nightly homework help. Onboarded 12 new tutors.

Science Olympiad Team Co-Captain ❖ Enloe High School ❖ Raleigh, NC   June 2023 - May 2024
- Organized tryouts of 100+ students. Formed 3 teams that placed at 5 invitationals and won the NC state tournament.
- Fundraised money, handled travel plans to tournaments, initiated weekly study sessions, and wrote practice tests.

EDUCATION

North Carolina State University   Aug 2025 - Dec 2027
BS, Computer Science
- GPA: 4.00; MA 305 (Linear Algebra); ST 370 (Statistics); CSC 216/217 (Java); MA 241 (Calc III); MA 341 (Diff Eq)

Enloe High School   Aug 2021 - Jun 2025
Summa Cum Laude
- Class rank: 5/580; GPA: 4.00; SAT: 1570; IB Comp Sci HL, AP Comp Sci A (5), AP Calculus AB & BC (5)
- Science Olympiad, FRC Robotics; National Honors Society; National Art Honors Society; Arts Endorsement

PROJECTS

Alpaca Algorithmic Trading Application   Aug 2025
- Developed a platform to analyze Yahoo Finance historical data on and manage 3 trade types using Alpaca's API.

Predicting Flight Delays on Arrival using Decision Trees   May 2025
- Used a Decision Tree and Random Forest to predict flight delay using pandas, numpy, matplotlib, and scikit-learn.

AWARDS

- National Merit Scholarship Finalist (Top 1%)
- 3x Finalist American Computer Science League; 1x top-scorer
- 20x Science Olympiad medals (Earth Science and Engineering)