

# Dylan Gregory Bruce

Brookhaven, GA 30319

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Detail-oriented Computer Science undergraduate student at Georgia Tech with experience in software development cycles and a strong foundation in Python, Java, and SQL. Eager to secure an internship to apply my technical expertise and analytical problem-solving skills in an innovative setting. Driven especially to learn from peers while fostering a cooperative and solution-oriented environment.

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## Education

### Bachelor of Science in Computer Science

Georgia Institute of Technology, Atlanta, GA

*Declared Threads*: Information Internetworks and Intelligence

**Expected Graduation: Fall 2026**

**GPA: 3.89 Hours Attempted: 101**

Relevant Coursework:

- **Computer Science:**
    - Machine Learning (CS4641), Introduction to AI (CS3600), Design & Analysis of Algorithms (CS3510), Systems and Networks (CS2200), Objects & Design (CS2340), Computer Organization & Programming (CS2110), Intro to Database Systems (CS4400), Intro to Discrete Math (CS2050), Data Structures & Algorithms (CS1332), Intro to Object-Oriented Programming (CS1331)
  - **Mathematics:**
    - Probability & Statistics (MATH3215), Applied Combinatorics (MATH3012), Multivariable Calculus (MATH2551), Linear Algebra (MATH1554), Integral Calculus (MATH1552)
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## Skills

- **Programming Languages:** Python, Java, C/C++, MIPS Assembly, SQL, MATLAB
  - **Web Technologies:** HTML/XML, CSS
  - **Tools & Technologies:** Git, Docker, Jira, Agile, TensorFlow, Android Studio, LaTeX, Jupyter Notebook, Firebase, Scikit-learn, NumPy
  - **Operating Systems:** Windows, macOS
  - **Certifications:** MTA (Microsoft Technology Associate): Software Development Fundamentals (3.29.22)
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## Projects

- **Travel Planning App:** Designed a travel planning Android Studio application with students in cohort.
  - **Movie Success Prediction:** Designed a machine learning model to predict film revenue.
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## Experience

### Discrete Mathematics Teaching Assistant | Georgia Tech, Atlanta, GA

May 2025 - Current

Assisting students in understanding foundational concepts in discrete mathematics, including logic, set theory, combinatorics, and graph theory. Involves problem-solving sessions, grading assignments, and providing one-on-one support during office hours.

### Arditi Pizzeria | Snellville, GA

September 2022 - April 2023

Worked at a locally owned artisan pizzeria with a small team of customer-focused team members. Duties included all aspects of operations including food preparation, storage organization, and financial transactions. Emphasis placed on customer experience and service.

### Teens Tutor Teens | Snellville, GA

August 2020 - May 2022

Worked with a non-profit 501(c)(3) organization to provide free tutoring during the COVID-19 Pandemic to disadvantaged students in a virtual environment.