

# Jake D. Proffitt

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## Objective

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Dynamic and driven Electrical Engineering student specializing in robotics and bioengineering. Seeking an internship in the medical device industry for Summer 2025. Proven track record in mathematical modeling, strategic planning, and project management.

## Education

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**Georgia Institute of Technology | Atlanta, GA**

Bachelor of Science in Electrical Engineering, GPA 3.42

*September 2023 – Present*

Expected Graduation, May 2027

## Skills

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**Programming:** Python (intermediate), C++ (basic), Java (basic)

**Languages:** English (fluent)

**Others:** Financial Analysis, Leadership, Project Management

## Experience

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**Proffitt Prep | Olney, MD**

*September 2022 – September 2023*

**Founder / SAT Tutor**

- Developed and executed personalized SAT study programs, enhancing students' test performance and academic confidence.
- Successfully marketed services through social media, resulting in a significant client base expansion within a competitive market.

**Sherwood High School Chess Club | Sherwood High School**

*September 2019 – July 2023*

**President / Founder**

- Spearheaded the establishment of the school's chess club, fostering an inclusive environment for over 40 members. Built leadership skills that transfer greatly to industry.
- Organized and led team participation in regional chess tournaments, achieving numerous top three finishes.

**Private Chess Coach | Independent**

*June 2020 – September 2023*

**Chess Instructor**

- Crafted individualized training programs for a diverse range of students, significantly improving their competitive performance.
- Maintained a robust client base through effective communication and personalized coaching strategies.

**Brooke Grove Retirement Village Chess Program | Sandy Spring, MD**

*September 2020 – September 2023*

**Director / Founder / Volunteer Chess Teacher**

- Initiated and directed a chess program, utilizing the game as a therapeutic tool for residents with neurodegenerative diseases.
- Gained recognition in the company newsletter for innovative program design and positive impact on community well-being.

## Projects

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**Automated Trading System | Independent Project**

*September 2022*

**Project Lead**

*Individual project dedicated to creating algorithms for successful stock trading.*

- Designed and implemented a math-based program for swing-trading in crypto and stock options, enhancing portfolio performance.
- Conducted thorough market analysis and risk assessment to inform trading strategies and optimize investment returns.

## Relevant Coursework

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**Introduction to Computing:** Comprehensive introduction to Python programming, computational thinking, and the societal implications of technology, culminating in multiple hands-on projects to solidify foundational computer science concepts.

## Activities

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**Air Force ROTC | Cadet**

*September 2023 – Present*

- Professionally trained to become an officer in the Air Force.
- Working to develop a Strategy and War Games club within the detachment for cadets.