

RAFAEL ALMEIDA

Senior at Academy for Information Technology

Discord API

Google APIs

SQL

Django

NextJS

Java

Initiative-taking and highly disciplined student with a passion for computer science based on education and problem-solving with demonstrated technical, leadership, and community building skills.

EDUCATION

2019/09- Current High School

Academy For Information Technology, Scotch Plains, NJ

- Coding Club President
- National Honor Society Member
- Coding Club Community Outreach Officer
- Future Business Leaders of America Competitor
- Junior Student of the Month of November
- SAT Score 1560 (770 EBRW, 790 Math)
- Career and Technical Education Ambassador
- Thrive Scholars

ACTIVITIES

AiGoLearning Teen President of Technology

- 2022/01-Present Lead a team of 3 to develop [AiGoCode](#), introducing kids to competitive coding
- Developed AiGoCode Bot, a Discord bot that interfaced with the website
- Lead the AiGoProjects initiative, allowing members to bring their ideas to life

AiGoLearning Teaching Quality Officer

- 2021/07-2022/01 Lead a team of 3 to create the Teaching Quality Department
- Developed Scheduling Bot, a Discord bot used by ~220 new teachers
- Developed a method and program to quantify teacher quality
- Helped 7 teachers with 1-on-1s and dozens of others with workshops
- Created the STAR Teacher program, providing more support to talented teachers

AiGoLearning Python Teacher

- 2020/12-Present Teacher of the Week on my 1st week
- Taught for ~100 hours in 66 lessons and ~20 students
- Volunteered to serve 5 demo lessons and 2 FutureHacks workshops

MediMatch Backend Developer

- 2022/10-Present NextJS backend developer, helping people find culturally competent physicians
- Using my knowledge of Portuguese, making the website more accessible

Coding Club Member

- 2019-Present As president, connecting members with AiGoLearning, making the club be what I wish it was by bringing in passionate members and staying active on projects
- As community outreach, connected members with AiGoLearning, strengthened the community by creating an interactive Discord server with a bot I developed
- As member, completed all the bi-weekly challenges, created an extensive portfolio of projects

National Honor Society

- 2022/05-Present Nominated to be AP Computer Science Principles tutor, tutoring for 5 hours
- Nominated to be HL Physics tutor, tutoring for 7 hours

HONORS & AWARDS

2022/03 2022 FBLA State Champion

1st place NJ Coding & Programming Competition with [MG Tourism](#)

2022/02 United States of America Computing Olympiad

Silver Division

2022/10 Thrive Scholars Scholar Highlight

6 Scholars were [highlighted](#) from ~300 by their respective College Access Managers

2022/09 Columbia Engineering Experience CE²

Columbia University Fly-in Program

2022/10 Brandeis SEED

Brandeis University Fly-in Program

2022/07 AP Scholar Award

Scored a 3 or higher in at least 3 AP tests

2022 National Hispanic Recognition Program

Recognition for excellence in academic achievement

2019-2022 High Honor Roll

All grades 90+ for my 9th, 10th, and 11th year



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[LinkedIn](#)

[Blogfolio](#)

[AiGoLearning](#)

[School Portfolio](#)

CERTIFICATIONS

2022/09 [AiGoLearning 245 hours of Volunteering](#)

2022/06 [Java Foundations](#)

2020/01 [IC3 Digital Literacy](#)

2020/06 [MS Office Specialist](#)

CLASSES

100/4 AP Capstone Seminar & Research

98/5 AP Computer Science A

100 AP Computer Science Principles

AP Statistics

Advanced Software Development

Bioinformatics

92 Computer Applications in Business

Database Development

Project Management

Web Design

LANGUAGES

Native Portuguese

Bilingual English

Working Spanish