

MAX ACEBAL

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EDUCATION

COLUMBIA UNIVERSITY

Bachelor of Science in Computer Engineering

New York, NY

Expected May 2023

- Relevant Coursework: Advanced Programming in C, Data Structures in Java, Computational Aspects of Robotics, Computer Networks, Programming Languages and Translators, Computer Science Theory, Artificial Intelligence, Intro to Electrical Engineering, Fundamentals of Computer Systems, Intro to Applied Math

PALMER TRINITY SCHOOL

Miami, FL

- GPA/SAT: 3.92/1500
- Relevant Coursework: AP Computer Science A, 3D Game Development, Intro to Robotics, AP Calculus AB, AP Physics C

SKILLS

Technical: Java, Python, C, C#, SQL, HTML, YOLOv4, OpenVSP, Microsoft Office, Google Suite, Adobe Suite

Languages: English, Spanish

Interests: Artificial Intelligence, Machine Learning, CAD, Computer Vision, App Development, Classical Music, Jazz, Upright Bass, Bass Guitar, Acoustic/Electric Guitar, Music Production, Baseball, Boxing

WORK EXPERIENCE

GOOGLE

Miami, FL

STEP Intern

May 2021 – August 2021

- Collaborated closely with another intern to develop a tool that informs developers of unit tests approaching timeout and resource limits
- Produced code to fetch unit test metrics from SQL Databases using Java and Google SQL
- Proposed and implemented a new feature which files a Bug Report for unassigned unit tests that approach limits
- Sharpened SQL, Java, C++, and HTML skills through the program's self-study tools and mentorship program
- Accomplished critical milestones in the development process for our limit analysis feature, including regularly presenting to other teams for approvals/feedback, writing detailed design docs, implementation, and launching internally

KASHMIR WORLD FOUNDATION

Great Falls, VA

Remote AI Engineering Intern & Robotics Team Member

May 2020 – August 2020

- Used Yolo Object Detection to train AI to detect turtle tracks to assist in wildlife preservation
- Configured OpenVSP to optimize airfoils on new drone designs to combat counter-poaching

LEADERSHIP ACTIVITIES

SIGMA NU FRATERNITY: DELTA GAMMA CHAPTER

New York, NY

Sentinel

January 2020 – November 2020

- Assisted in organizing philanthropic events including an event in which we raised \$2000 for Camp Kesem
- Delegated house duties amongst 70 fraternity members

MU ALPHA THETA

Miami, FL

President and Tutor

August 2018 – May 2019

- Restructured club goals to impact a higher number of students
- Designed curriculum for math competitions and tutored for a variety of stem related courses offered at our high school

TRI-M MUSIC HONOR SOCIETY

Miami, FL

President

August 2017 – May 2019

- Organized coffee house style performances to raise money for struggling music programs after Hurricane Irma
- Performed for residents at local senior living communities during the holidays
- Nominated for a Miami Herald Silver Knight Award

STUDENT DIVERSITY COUNCIL

Miami, FL

Executive Board Member

August 2017 – May 2019

- Led monthly classroom discussions on pertinent social issues
- Created lesson plans and facilitated conversations between people of opposite view points

ADDITIONAL EXPERIENCE

SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS

New York, NY

Member

August 2019 – Present

- Participated in professional development exercises and events
- Helped in fostering a community of like-minded individuals underrepresented in our prospective field

BLUE MISSIONS

La Tinajita, Dominican Republic

Volunteer

August 2017

- Improved the sanitation and safety of an at-risk community in the Dominican Republic by constructing latrines
- Fostered connections with families in the community through daily gatherings