MAX ACEBAL

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EDUCATION

COLUMBIA UNIVERSITY   **New York, NY**
Bachelor of Science in Computer Engineering   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   Diploma May 2019
- 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: Data Analysis, Infrastructure, 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   **Sunnyvale, CA**
Software Engineer Intern   May 2022 – August 2022
- Designed Google SQL pipelines to aggregate customer and user ids and map them to tags that would result in those enterprise customers seeing specific recommendations in Workspace applications.
- Participated in numerous design meetings to present ideas and receive feedback to improve pipeline functionality
- Completed project milestones in half of the expected time which allowed for further refining to the backend testing framework and the ability to help other team members with their section of the project
- Initiated the shift to new testing frameworks after previously used technologies had been deprecated
- Fostered growth for low-income middle schoolers by volunteering, through Google's Latinx employee resource group, to discuss my career path as a Latinx Programmer in Silicon Valley

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 tracts 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 – Present
- Assist in organizing philanthropic events including an event in which we raised $2000 for Camp Kesem
- Delegated house duties amongst 70 fraternity members

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

ADDITIONAL EXPERIENCE

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
- Created connections with families in the community through daily gatherings