

MAX ACEBAL

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WORK EXPERIENCE

GOOGLE

Software Engineer - Sunnyvale, CA

August 2023 - Current

- Developed and deployed machine learning models to detect and prevent abuse across Google Workspace products, improving coverage and reducing false positives.
- Led efforts to onboard new Workspace products to the abuse detection infrastructure, enabling consistent policy enforcement and rapid response to threats.
- Collaborated with cross-functional teams to triage and resolve abuse escalations, delivering timely mitigations and contributing to long-term solutions.

Software Engineer Intern - Sunnyvale, CA

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.
- 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
- 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 - Remote

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
- 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

AI Engineering Intern & Robotics Team Member - Remote/Great Falls, VA

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

RESEARCH

COLUMBIA UNIVERSITY LANGUAGES AND COMPILERS GROUP

Undergraduate Research Scholar

August 2022 - May 2023

- Research for SSLANG: a deterministic real-time execution technique that allows explicit, precise timing control in a programming language
- Conducted extensive research into a multitude of programming language import system designs, informing potential enhancements to SSLANG

SKILLS

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

Spoken Languages: English, Spanish

EDUCATION

Columbia University New York, NYC - Bachelor of Science in Computer Engineering

2023

Palmer Trinity School Miami, FL - High School Diploma

2019

Certifications: Deeplearning.AI Advanced Learning Algorithms, Deeplearning.AI Supervised Machine Learning:

Regression and Classification, Stanford University Machine Learning, Google Cloud Transformer Models and Bert Model

Relevant Coursework: Advanced Programming in C, Artificial Intelligence, Circuit Analysis, Computational Aspects of Robotics, Computer Networks, Computer Science Theory, Data Structures in Java, Electricity and Magnetism, Electronic Circuits, Embedded Systems Design, Internet of Things, Intro to Applied Math, Intro to Mechanics and Thermodynamics, Multivariable Calculus for Engineers, Programming Languages and Translators, System on Chip Platforms