Andre Pineda

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EDUCATION

University of Southern California, Iovine and Young Academy
M.S. Integrated Design Business & Technology, Class of 2022

University of Southern California, Viterbi School of Engineering
B.S. Computer Science, Class of 2020

EXPERIENCE

Google Cloud / Software Engineer / Sunnyvale, CA   2020 - Present

- Currently working as a full stack SWE building features for Google Workspace products, specifically core and collaboration that supports chat-on-web and chat-in-mail.

- Implemented various security and privacy features for Google Cloud Spanner (a distributed database system) on an infrastructure level. Features included insider risk protection, customer managed encryption keys, and external compaction.

- Investigated and mitigated data deletion issues in production servers.

Google Cloud / Software Engineering Intern / Sunnyvale, CA   Summer, 2019

- Built security and privacy infrastructure that monitors and enforces Spanner Data Deletion SLOs.

Google Ads / Engineering Practicum Intern / Mountain View, CA   Summer, 2018

- Designed and developed new monitoring and alerting framework for AdWords servers and pipelines.

- Generated graphs and alert notifications for oncall groups. Also implemented a libraries for maintaining Spanner databases.

Google Maps / Engineering Practicum Intern / Mountain View, CA   Summer, 2017

- Implemented backend image-to-video functionality for Street View thumbnails.
- Developed, tested and benchmarked a suite of street view image-to-video libraries.

EXTRA

Talkstory – What's your story? – talkstory.io

Designed, built and launched an iOS/Android app that allows users to record, create, and post audio-based stories. The app is written in Flutter/Dart.

Hidden Genius Project – HGP trains and mentors Black male youth in Los Angeles about technology creation, entrepreneurship and leadership skills. I created 3D models for the new maker space in Inglewood for HGP.

My Fullstack Web Projects – dreambase.xyz, workwitharianakim.com, dpineda.com

Skills – C++, Javascript, SQL, Flutter/Dart, ReactJS, NodeJS, Google Cloud, Firebase, AWS, DynamoDB