Andre Luis Pineda

858-414-9924 • andre.pineda97@gmail.com • linkedin.com/in/andre-pineda • SF Bay Area

Education

USC, Iovine and Young Academy – M.S. Integrated Design Business and Technology
USC, Viterbi School of Engineering – B.S. Computer Science

Experience

Google Workspace / Software Engineer, Tech Lead / Sunnyvale, CA   2021 – Present

+   Designed and launched multi-platform, full stack effort to protect XXX M EDU underage users from accessing inappropriate content in Workspace products.
+   Led two SWEs in large-scale reliability effort to migrate legacy servers to more scalable, modern, and secure infrastructure. (Traffic: XXX K QPS)
+   Organized and drove cross-functional meetings with PM, PgM, and Legal to understand requirements, constraints, business needs, and legal requirements before design, implementation, and launch.
+   Built external and internal APIs for clients to manage their workspace settings in Google Admin.
+   Regularly participating in Tier II on-call rotation responsible for mitigating production issues often user-data related.
+   Reduced technical debt by building internal tools that help remove old feature experiments 2W post-launch.

Google Cloud / Software Engineer / Sunnyvale, CA   2020 – 2021

+   Implemented security and privacy measures for infrastructure in Spanner (a distributed database system). Features included insider risk protection and customer-managed encryption keys.
+   Participated in engineering on-duty rotations to resolve data deletion issues in production.

Google Internships / Software Engineering Intern / MTV + SVL, CA   2017 – 2019

+   *Google Cloud (2019)*: Built security and privacy infrastructure that monitored and enforced TTL in Spanner databases.
+   *Google Ads (2018)*: Designed and developed new monitoring and alerting dashboards for AdWords servers and pipelines. Also created a CronJob that maintains Spanner databases (bonus).
+   *Google Maps (2017)*: Researched, implemented, and benchmarked a suite of street view image-to-video libraries to decide which video format best fitted animated thumbnails (spoiler: GIF won).

Extra

Hidden Genius Project – HGP trains and mentors Black male youth in LA about technology creation, entrepreneurship and leadership skills. Helped create 3D models for a new maker space in Inglewood.

My React-based Web Projects – dreambase.xyz, warrenkim.com

Fun (tech) – Java, C++, JavaScript / TS, SQL, Flutter/Dart, NextJS / ReactJS, Node, Google Cloud Platform, Firebase

Fun (not tech) – Hiking in forests, trying new cuisines, casual Indie-gaming, and learning new languages (Korean, Chinese).