Chen-Hao (Aaron) Liao

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Education:

Master of Business Administration - Fully-Employed Program   Expected Graduation - Dec 2024
University of California, Los Angeles Anderson School of Management
- **Focus**: Business Strategy, Technology Management, Entrepreneurship, Product Management

Bachelor of Science, Computer Science   2012 - 2016
University of California, San Diego

School Projects:

Entrepreneur & Venture Initiation | Business Plan Development - Cofounder   2023
EveryRecipe & A11
- Created a business plan with other co-founders. Identified inefficiencies in recipe finding amongst consumers, then designed a product that solves the issue. Worked out unit economics and product roadmaps. Then pitched the idea to the class based on the business plan.
- Conducted market research and competitor research which led to the new product discovery definition, pivot, and refinement. Analyzed and generated financial impact of the product through multiple business models, led to an increase of revenue estimated.

Product Management
- Product critique Mint app. Analyzed user segment and identified target segment for a new customizable dashboard feature. Generated success metrics to measure feature performance.

Professional Experiences:

Google - *Mountain View, CA*   2019 - Present

Test Engineering Manager I - *Pixel Test Engineering Team: Audio Tooling*   2023 - Present
- Led a software test team of 3 members with the focus of creating Audio testing tools for Google hardware portfolio
- Identified commonalities in audio testing amongst other Google teams and created a PRD for a universal audio validation tool for any team to send recorded files for processing and results reporting.

Test Engineer III & **SW Test Team Lead -** *Pixel Buds A-Series & Pro Series*   2020 - 2023
- Led a software test team of 14 members to 2 product launches and 4 maintenance software launches
- Designed features testing roadmaps and strategies with other first party Google devices and software teams, resulting in better collaborations in integration test coverage and reduced duplicate work in testing.
- Analyzed test results and presented weekly product quality insights to stakeholders, surfaced customer complaints and potential mitigation plans early before feature complete.
- Responsible for evaluating resource tradeoffs daily, balanced test requests with test execution and test development velocity. Prioritize tasks for the team to execute.
- Discovered automation infrastructure deficiency by identifying manual intervention bottlenecks and created plugins that automatically uploads results. Resulted in 100% reduction in manual results upload time.

Test Engineer II & **Bluetooth test lead** - *Pixel Buds 2*   2019 - 2020
- Established Pixel buds bluetooth test strategy and product quality expectations based on historical bugs data and KPI definitions. Led to 50% more bluetooth automation tests coverage and more accurate KPI data capture.

Line Up Events (A Start Up Company) - *San Diego, CA*   2015 - 2016
Front-end Developer
- Collaborated with UX designers to create wireframes for front-end design and implemented it in Swift.
- Collaborated with business teams on product decisions and product directions by communicating technical challenges and negotiating design changes with the team.

Skills:

Soft skills   Fluent in Mandarin, Problem solving, Collaboration, Presentation, Research, Data Driven Decisions
Hard skills   Python, Java, Hardware knowledge, Market Research, Data Analytics, Project Management