Mark Tai

Coding for work and fun

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Summary

- Well-rounded senior engineer with numerous passions who adapts easily and works well with others
- **Experienced in:** developer infrastructure, full stack web, security, mentorship, board games, traditional jazz

Software Experience

2025 - Ongoing

Databricks, Senior Software Engineer on AI Devtools: San Francisco, CA
- Owned, designed, and built managed agent runtime infrastructure, Isaac, with team of 3
- Isaac has 1000 WAU (50% of engineers), and contributes 10% of all PRs at Databricks
- Isaac has a web UI and integrates with GitHub, Slack, and Jira with full MCP support
- Owned and led spec driven development proof of concept with team of 5

2023 - 2025

interviewing.io, Professional Technical Interview Coach: All around the world!
- Coached 50+ mentees to build interviewing skills and confidence to land FAANG+ offers
- Featured on interviewing.io showcase, and new mentees have booked me from this page
- $560 per session on interviewing.io, and pro bono for UCLA students + disadvantaged students
- Composed own platform for pro bono coaching with scheduling, Slack, and code environments

2018 - 2022

Senior since 2021

Airbnb, Senior Software Engineer on CI Infrastructure: San Francisco, CA
- Improved Java monorepo's enqueue to merge time by 60% on Evergreen merge queue system
- Coordinated and migrated all monorepos to Evergreen system, and fully removed old solution
- Architected and coordinated 100% consolidation onto the CI Platform for both Linux and iOS envs
- Designed and built Test Levels data aggregation and dashboard that all Airbnb orgs adopted
- Coordinated Developer Platform and architected both measures and charts of productivity metrics
- Improved CI Platform reliability: reduced incidents by 67% and improved 99% to 99.7% uptime
- Won 3 CTF security competitions: team discovers and exploits security vulnerabilities

2016 - 2017

PlayFull - 8 people startup, Software Engineer on all products: Los Angeles, CA
- Built responsive homepage beplayfull.com, working with the CEO / designer
- Made full stack, responsive, live dashboard, and met with business customers to onboard
- Created app for interactive, in-store Raspberry Pi displays shown at every customer restaurant
- Managed 2017 internship program: interview process, candidate selection, onboarding

Other Experience

2024 - 2025

PADI Scuba Diving Instructor: Bay Islands, Honduras
- Taught new divers how to safely dive and have fun! (divewith.marktai.com)
- Lead divers on dive sites at a relaxed pace while pointing out cool fish and other sights

2014 - 2018

University of California, Los Angeles - Computer Science B.S.
- GPA: 3.8/4.0, cum laude; participated in: UCLA DevX, ELFIN Satellite, UPE web chair, IEEE

2015 - 2018

UCLA Tau Beta Pi - Engineering Honor Society, Vice President and Web Lead: UCLA, CA
- VP - managed 15 people: tutoring, midterm review, school outreach, web, and social officers
- Web - led team of 3 to maintain full stack website + email server and migrated to AWS

Fun Projects

Blog - marktai.com	My travel, passions, and tech blog I've updated since 2015
Cocktails - 24hlimes.com	Devised own craft cocktails, card game menu, and beautiful site
Board Game - Mootropolis	Developed a unique board game with custom art during the pandemic
Web Game - Clover	Ported So Clover! to a website, and played over 250 times with friends
Jazz - Arragements	Arranged a 5-part a capella for my family, and 50+ more at music.marktai.com
Party - Charity Casino	Hosted a charity casino night with inclusive rules and raised $23,000