

Aaron Jin

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EDUCATION

Stanford University

B.S. in Computer Science, Minor in Data Science

Sep 2021 – Jun 2025

GPA: 3.7/4.0

Coursework: Artificial Intelligence, Natural Language Processing, LLM Applications, Web Programming, Graphics, Operating Systems, Computer Systems, Data Structures & Algorithms, Advanced Algorithms, Statistical Meta-Research, Statistical Methods, Probability, Discrete Math, Linear Algebra & Multivariable Calculus, Biology & Chemistry Sequence (9 Life Sciences + Computational Biology courses)

WORK EXPERIENCE

NoRamp | Software Engineer Intern

Sep 2023 – Present

- Built Prism, [NoRamp](#)'s mobile app and a social wallet marketplace for NFT buyers and sellers, using React Native, TypeScript, Expo, Next, and Nest, resulting in an instant, 1-click checkout solution for purchases between traditional online shopping and digital assets.
- Spearheaded engineering initiatives within various teams, such as optimizing payment processing and enhancing security measures.

Wagyu.ai | Software Engineer Intern

Jun 2023 – Aug 2023

- Launched [Wagyu](#), a pre-seed GenAI SaaS start-up, directly contributing to its 13k+ downloads, 6k+ MAUs, and 550k+ screen views.
- Developed a robust, end-to-end mobile app with distinct, humanized AI personalities using React Native, JavaScript, Redux, Express, Firebase, Heroku, and OpenAI API integration, resulting in an intuitive, seamless user experience and positive feedback from users.
- Utilized R, Excel, and Google Analytics to construct comprehensive financial models, facilitating cash flow analysis and developing growth-hack strategies, scaling measures, and organic marketing initiatives for new user acquisition with cross-functional teams.

Stanford University School of Medicine | Bioinformatics Research Assistant

Mar 2023 – Aug 2023

- Leveraged R and JavaScript to analyze, visualize, and deconvolute 1k+ RNA datasets to effectively treat chemo-resistant cancers.
- Implemented cutting-edge ML models with TensorFlow to statistically identify cell type-specific transcriptional states and accurately predict ovarian tumor development and metastasis, contributing to improved treatment strategies and enhanced patient outcomes.

Samsung Biologics | Software Engineer Intern

Jun 2022 – Aug 2022

- Engineered an innovative audit-selecting program using Python by leveraging data analysis techniques to optimize auditor selection for pharmaceutical suppliers, resulting in the significant streamlining of internal processes and the reduction of operational costs by 12%.
- Streamlined AWS-driven data migration projects, transitioning 2k+ essential documents from outdated, separate systems to a unified, cloud-based system; reduced more than 50% company-wide paper use, thereby improving overall workflow/efficiency by 16%.

Typed (Business Canvas) | Product Strategy Intern

Mar 2022 – Jun 2022

- Advised [Typed](#), a Series A document-based SaaS start-up, on entering the U.S. market through extensive market sizing, profitability, and CRM analytics, leading to the development of a targeted, bottoms-up GTM strategy.
 - Spearheaded strategy by identifying and addressing mobile-to-web sign-up pain points, resulting in a 40% decrease in drop-off rates.
 - Built a product roadmap that increased user acquisition by 120%, improved MAU retention by 25%, and dropped churn rate to 1.7%.
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PERSONAL PROJECTS

Einstein.ai | TypeScript, React, Tailwind, Next, Stripe, Clerk, Crisp, Prisma, MySQL

[Website](#) | [Repository](#)

- Built a full-stack GenAI web application using OpenAI and ReplicateAI, offering intelligently generated content (chat, image, video, music, code), enhanced by subscription-based pro features with Stripe, data security with Prisma, and 24/7 user support with Crisp.

Modify | TypeScript, React, Tailwind, Next, Stripe, Supabase, PostgreSQL

[Website](#) | [Repository](#)

- Engineered a full-stack Spotify clone web application enabling seamless audio upload and playback, secure credential authentication with Supabase, and enriched user experiences through subscription-based premium functionalities powered by Stripe.

Bonsai | Swift, SwiftUI

[Repository](#)

- Designed an iOS application for personal expense management including a user-friendly budget-tracking graph for monthly spending, a Transactions page detailing spending by month, and backend integration that fetches a list of transactions from a remote JSON API.
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TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Swift, Python, R, C/C++, Java, SQL, MATLAB
- Technologies:** Web/Mobile Development (React/React Native, HTML/CSS, SwiftUI, Xcode, Expo, Redux.js, Express.js, Next.js, Node.js, REST APIs, Django, MongoDB, AWS, Firebase), Data Science (NumPy, SciPy, Pandas, Matplotlib, Scikit-learn, Tidyverse, Seurat, PyTorch, TensorFlow, Stata), Unix, Git