

# 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)

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## WORK EXPERIENCE

### Apple | Incoming Software Engineer Intern

Summer 2024

- Will develop and enhance Safari's search algorithm and UI, utilizing Objective-C, C++, and Swift/SwiftUI components to significantly improve search efficiency, accuracy, and UX.

### Apple | Incoming Software Engineer Intern

Spring 2024

- Will design and build key Battery Systems applications, enhancing battery qualification processes across all Apple products by using React, JavaScript, PHP, Python, and integrating with MySQL databases to reinforce data integrity, scalability, and maintainability.

### NoRamp | Software Engineer Intern

Sep 2023 – Present

- Developed [NoRamp](#)'s new, rebranded landing page with React, TypeScript, and Tailwind, resulting in 380% more website traffic.
- Built Prisim, a unified mobile app and social wallet marketplace for NFT buyers and sellers, using React Native, TypeScript, Expo, Next, and Nest, to enable an instant, 1-click checkout solution bridging traditional online shopping with digital asset transactions.
- 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%.
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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.
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## TECHNICAL SKILLS

- Languages:** JavaScript, TypeScript, Swift, Python, R, C/C++, Objective-C, Java, SQL, MATLAB
- Technologies:** Web/Mobile Development (React/React Native, HTML/CSS, SwiftUI, 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