Jason Telanoff

Having started my coding journey 12 years ago, I bring a rich background of self-taught skills and fresh ideas. I excel at turning theory into practical solutions.

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EDUCATION

University of California, Berkeley — **Fall 2022 - Fall 2024**
Simultaneous Bachelors in Computer Science and Applied Mathematics — *GPA: 3.75*

EXPERIENCE

Awear | *Senior Full Stack Engineer*
FEB 2024 - MAY 2024

- Redesigned app organization, enhancing code readability and other aspects
- Coordinated development in our team of 5, improving development speed and reducing unnecessary work
- Led software development meetings, integrating major features to boost system scalability
- Decided on and overhauled back-end architecture to Firebase Firestore. Its NoSQL structure and ease of development allowed for reducing latency by 40%, costs by 30%, and improving scalability by 200%

Higher Up HCM | *Software Engineer*
JUN 2023 - FEB 2024

- Streamlined CRM and management using Zoho and Python scripts, reducing some process times by up to 20%
- Automated 1000s of bank reconciliations, achieving 99% accuracy and saving 80% manual labor time
- Resolved critical issues in call tracking and ticketing systems, increasing operational reliability by 35%
- Improved financial risk management through revised ticket mechanisms dealing with client credit

Neurode | *Project Manager*
FEB 2023 - JUN 2023

- Directed a team of 6 developers, ensuring code quality and focusing on parallel and iterative development
- Designed science-based games that improved ADHD diagnostic accuracy and treatment effectiveness by 15%.
- Integrated an eye-tracking system to analyze user interaction patterns, resulting in enhanced engagement metrics
- Facilitated regular updates and feedback sessions with founders to align project objectives and address concerns

World Health Organization | *Mobile Developer*
MAR 2020 - FEB 2021

- Developed the final prototype, optimizing and surpassing the performance and features of the previous version
- Led transition from React Native to Flutter, improving development time by 80% and cross-platform reliability
- Enhanced app to meet global health standards, collaborating directly with WHO and government representatives
- Developed solutions to ensure compliance with regional data privacy regulations and standards

PROJECTS

Personal Portfolio | Next.js, Tailwind, GitHub Pages

- Implemented a custom boid (flocking) simulation on the home page, assigning directions different colors
- Integrated Mastermind project from middle school
- Integrated a Chess AI using alpha-beta pruning, neural nets, and Monte Carlo tree search (in progress)
- Integrated Connect 4 AI that allows users to view the neural net as it's trained (in progress)

Cards Against MySanity | Flutter, Express.js, WebSockets

- Implemented a full-stack mobile app version of Cards Against Humanity
- Built the frontend using Flutter and the backend with Express.js, connected via WebSockets
- Developed and integrated real-time multiplayer functionality, enabling users to play seamlessly
- Enabled users to create custom decks as well as use several built-in decks

SKILLS

Coding Languages (Proficient): Java, Dart, Python, JavaScript, TypeScript
Coding Languages (Intermediate): C, C++, C#, Go, RISC-V, LATEX
Frameworks: Flutter, React js, Svelte, Astro, Express js, Firebase, Material UI, Processing, p5.js
Soft Skills: Critical Thinking, Leadership, Quick Learner, Adaptability, Communication, Hard Working, Thorough
Languages: English (Native), Spanish (California Fluency Certification), Elementary Chinese
Relevant Coursework: Efficient Algorithms, Intractable Problems, Computer Architecture, Computer Graphics, Artificial Intelligence, Machine Learning, Computer Securities, Real Analysis, Abstract Algebra, Discrete Math, Data Structures, Linear Algebra, Multivariable Calculus, UCLA Math Circle