



Andrew Wesel

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Education

- Stanford University.** *B.S. in Computer Science.* GPA: 3.85/4.0. *Graduating 2028*
- Coursework: Linear Algebra, Probability, Systems, Computability Theory, Algorithms, Transformers, etc.
 - ASES Breakthrough Fellow: 10-week mentorship with Eric Zhou (a16z). Focus on deep-tech valuation.
 - **Boothe Prize Nominee** (Excellence in Writing) for essay on the ethics of military dolphins.

Experience

- Machine Learning Engineer** *Mountain View, CA*
Ceramic.ai *Summer 2025*
- Fine-tuning team at NEA-funded AI infra startup. Achieved state-of-the-art reasoning performance.
- Consultant** *Stanford, CA*
Stanford Marketing Group *Oct 2024 - Present*
- **Google.** Pixel Studio go-to-market strategy. Adopted by Director-level team. Projected 10M installs.
 - **Hitachi.** Delivered UX redesign for grid management software that lifted stated willingness-to-pay by 50%.
- Debate Coach** *Remote*
Harvard-Westlake School *Aug 2024 - Present*
- Mentored ten-person team to 13 championship bids through teaching philosophy, economics, and science.
- Patent Litigation Intern** *Los Angeles, CA*
Russ, August, and Kabat *Summer 2024*
- Managed time-sensitive legal documents during \$262 million trial MR Technologie v. Western Digital.
- Data Science Research Intern** *Santa Barbara, CA*
Media Neuroscience Lab @ UCSB *Summer 2023*
- Deployed NLP tools validating neutrality of X's (Twitter) crowdsourced fact-checking.
 - Built Selenium pipeline to collect and analyze 5000+ samples. [Abstract](#)  accepted to AAAS 2025.
- Bioinformatics Research Intern** *Los Angeles, CA*
Mangul Lab @ USC *Summer 2022*
- Benchmarking haplotype reconstruction algorithms. [Abstract](#)  accepted to AAAS 2024.
 - Discovered discrepancies in performance on *in silico* genomic data generated by SimSeq vs. *in vitro* data.

Software

- Systems Programming** [GitHub](#) 
- Version Control: Implemented core Git functionality including commits and object handling in Java.
 - Heap Allocator: Implicit and explicit allocators in C. Implemented custom malloc/free functions.
- Nsilico: Survey Response Generation using LLMs** [nsilico.net](#) 
- Generates AI personalities mirroring the U.S. population to simulate survey results with ChatGPT.
 - Platform handled 500k token throughput. Results used for market research, statistics coursework, etc.
 - Tech Stack: Next.js, Typescript, React, Firestore. Pandas and Matplotlib for internal model evaluation.
- Depicto: Daily Puzzle Game with AI images** [depicto.ai](#) 
- Built award-winning web app at HackHW; partnered with Blinkgame Inc. for iOS release.
 - 1000 users, five-star rating on the App Store, and [media coverage](#) . 48% 4-week retention (avg. 8%).

Additional Information

Languages: C++, C, Java, Python, React, JavaScript, TypeScript, Spanish

Technologies: GitHub, Pandas/ScikitLearn, Firebase, Webpack, LaTeX, LLMs (training, prompting, etc.)

Awards: National Merit Finalist, Cum Laude, 1st in California Ethics Bowl, Top 25 Lincoln-Douglas Debater.