

# Andrew Wesel

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## Education

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**Stanford University.** *B.S. in Computer Science.* GPA: 3.8/4.0

- Coursework: Linear Algebra, Multivariable Calc., Data Structures, Systems, Probability, Discrete Math.

**Harvard-Westlake School.** GPA: 4.5/4.0. SAT: 1570/1600.

- National Merit Finalist. Cum Laude Society.
- Ethics Bowl: 1st in California. 2nd nationally. Varsity Debate: 2x Tournament of Champions qualifier.

## Experience

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**Google Consultant**

*Stanford Marketing Group*

*Stanford, CA*

*Oct 2024 - Present*

- Developed marketing strategy for Pixel Studio, Google's AI-image app installed on 10 million Pixel phones.
- Presented data analysis of 200 survey responses and 20 live focus groups to Pixel Studio product team.

**Debate Coach**

*Harvard-Westlake School*

*Remote*

*Aug 2024 - Present*

- Design argumentative strategy and educational programming for 30 award-winning debaters.

**Patent Litigation Intern**

*Russ, August, and Kabat*

*Los Angeles, CA*

*Summer 2024*

- Handled time-sensitive legal documents during \$262 million trial MR Technologie v. Western Digital.

## Software Development

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**Nsilico: Survey Response Generation using LLMs**

[nsilico.net](#) 🔗

- Generates AI personalities mirroring the U.S. population to simulate survey results with ChatGPT.
- Tech Stack: Next.js, Typescript, React, Firestore. Pandas and Matplotlib for internal model evaluation.

**Depicto: Daily Puzzle Game with AI images**

[depicto.ai](#) 🔗

- Designed and built web app at HackHW (Best Project). Partnered with Blinkgame Inc. for iOS development.
- 1000 users, five-star rating on the App Store, and [media coverage](#) 🔗. 48% 4-week retention (avg. 8%).

**Technical Projects**

[github.com/awesel/git2](#) 🔗

- **Version Control:** Recreated Git in Java. Includes functionality for commit and internal Git objects.
- **Heap Allocator:** (Soon) Heap allocator in C. Functionality for "malloc" and "free" of dynamic memory.
- **SVD Compression:** Implemented industry-standard lossy compression in Python.

## Data Science Research

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**Community Notes Project**

Feb 2025

- Deployed NLP tools to investigate neutrality of X's (fka Twitter) crowdsourced approach to fact checking.
- Python for web scraping and data analysis. Funding: [SCAS](#) 🔗. Accepted to AAAS 2025. [Abstract](#) 🔗.

**Morality and Efficiency Project**

July 2023

- Collected 250 survey responses. Python for analysis. UCSB Summer Research Academies 2023. [Paper](#) 🔗.

**Wastewater Genomic Surveillance Project**

July 2022

- C and Python for data creation and analysis. Funding: [SCAS](#) 🔗. Accepted to AAAS 2024. [Abstract](#) 🔗.

## Skills

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

**Technologies:** GitHub, Firebase, Webpack, CLIs, LaTeX, Cluster Computing, LLM Prompting