

# Andrew Wesel

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## Education

- Stanford University.** *B.S. in Computer Science.* GPA: 3.93/4.0. *Graduating 2028, On Leave*
- Coursework: Linear Algebra, Probability, Systems, Computability Theory, Algorithms, Transformers, etc.
  - **Boothe Prize Nominee** (Excellence in Writing) for essay on the ethics of training military dolphins.
  - **Best performing prediction model** of all Stanford students who have ever taken DATASCI 112 (A+).

## Experience

- Member of Technical Staff, Modeling** *Palo Alto, CA*  
*Simile* *Sep 2025- Present*
- Left Stanford to train models of human behavior with Percy Liang, Michael Bernstein, Joon Park, et al.
- Machine Learning Engineering Intern** *Mountain View, CA*  
*Ceramic AI* *Summer 2025*
- Seed-stage AI infra startup. Raised \$12M from NEA, read about us in [TechCrunch](#) or on our [website](#).
  - Built context management system for small-model web search agents. Reduced hallucinations 90%.
  - Pretraining and interpretability experiments on MoE language models. Published results on [company blog](#).
- Consultant** *Stanford, CA*  
*Stanford Marketing Group* *Oct 2024 - June 2025*
- **Google.** Pixel Studio go-to-market strategy. Adopted by Director-level team. Projected 10M installs.
  - **Hitachi.** Delivered UX redesign, cost optimizations, red-teaming strategy for grid simulation AI chatbot.
- 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.

## Software Projects

- Training LLMs to Predict National Survey Results** [Blog](#)
- Created a benchmark of different leading LLMs ability to replicate national survey distributions.
  - Fine-tuned Qwen-2.5-7B-Instruct using [STaR method](#) for self-taught reasoning about survey results.
  - Custom model significantly outperformed every leading AI lab (OpenAI, Anthropic, etc.) on this task.
- Symbi: Social app for intellectual discussion** [symbi.club](#)
- Creates chatrooms of Stanford students that want to learn from each other. 50+ users, 500+ messages.
- Depicto: Daily Puzzle Game with AI images** [depicto.ai](#)
- Best Project at HackHW for website beta; sourced angel funding while in high school. Launched app after.
  - 1000 users, five-star rating on the App Store, and [media coverage](#). 5x industry average 4-week retention.
- 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.

## Additional Information

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

**Technologies:** GitHub, Pandas/ScikitLearn, Firebase, Webpack, LaTeX, LLMs (data, fine-tuning, prompting)

**Awards:** National Merit Finalist, Cum Laude, 2nd in National HS Ethics Bowl, Top 25 Lincoln-Douglas Debater