

# NOAM MICHAEL

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[LinkedIn](#)  | [GitHub](#)  | [Website](#) 

## EDUCATION

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**U.C. Berkeley | B.A. in Data Science and Applied Mathematics | GPA: 3.81** Berkeley, CA

- **Selected Coursework:** Machine Learning, Natural Language Processing, Information Theory, Probability Theory, Abstract Linear Algebra, Real Analysis

## PROJECTS

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**YouBook** | *OpenWebUI, Agentic Workflow* 2026

- Built an AI-native study platform (Granola-style CRM for students) that auto-generates textbook-quality lecture notes, removing manual formatting overhead for students. Placed top five at the Continual Learning Hackathon hosted by Intercom. Currently deploying core note-taking functionality of YouBook on [Askademia](#).

**Global Poverty Meta-Analysis Field Extraction** | *OCR, Prompt Engineering, Cloud Compute (GCP)* 2026

- Reduced scholarly-article coding costs from \$1,000/paper to \$0.12/paper by building an AI-native extraction pipeline  $PDF \rightarrow OCR \rightarrow LLM$  with the Global Poverty Research Lab (N.W. Kellogg), processing 213+ development economics RCTs.

**Comparing Confidence in LLMs** | *PyTorch, HuggingFace* 2024

- Produced a reusable benchmark for follow-on calibration research by measuring how LLMs revise confidence estimates as task difficulty scales.

## EXPERIENCE

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**Software Engineer** | *Robyn Dawes Institute* January 2026 – Present

- Helped build a model for conducting meta-analysis of research studies (FastAPI, Next.js, Supabase, Docker) to instantly evaluate the veracity of claims and the likelihood of reproducibility.

**Data Science Intern** | *Rimble Analytics* September 2025 – December 2025

- Identified algorithmic inefficiencies in predictive odds models by performing error analysis across thousands of historical CS2 matches, collaborating with the engineering team to prioritize fixes with team initialization strategy and roster updating.

**Research Assistant** | *Don Moore (U.C. Berkeley) & Jacob Bien (U.S.C.)* June 2024 – Present

- Led a four-person research team under Prof. Don Moore and Prof. Jacob Bien investigating overconfidence in language models, developing an evaluation framework now used internally in the lab for follow on projects.
- Cut benchmarking processing time by designing scalable data pipelines, unified file formats, and automated evaluation tooling, enabling consistent comparison across twelve open- and closed-source models for Prof. Don Moore's research group.
- Presented findings at an undergraduate research conference at Stanford University, secured a \$5,000 research grant from Lambda AI, and was awarded a URAP summer fellowship and acceptance into the Data Science Honors Program at U.C. Berkeley.

**Teaching Assistant** | *Moorpark College* September 2022 – May 2024

- Partnered directly with professors across multiple math courses to provide in-class support, held independent office hours, and offered drop-in tutoring to reinforce conceptual understanding.

**Founder** | *Moorpark Lacrosse Club* September 2022 – May 2024

- Founded and chartered the Moorpark Lacrosse Club to give community college student-athletes a platform to showcase their talents to four-year institutions, securing over \$25,000 in funding to support operations.
- Organized a team trip to play the University of Arizona, coordinating food, transportation, and lodging for over 20 players, and collaborated with the school board to modify advisor guidelines, allowing the club to hire qualified coaches directly.

## TECHNICAL SKILLS

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**Languages:** Python, TypeScript, SQL, R, C++, Bash

**Libraries & Frameworks:** PyTorch, HuggingFace, Pydantic, Pandas, NumPy, Scikit-learn

**Infrastructure & Tools:** Docker, Git, GCP, Supabase, Slurm/HPC, Linux