

JONATHAN WRENN

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EDUCATION

Columbia University

Sep 2023 – May 2026

Bachelor's, Computer Science and Mathematics

New York, NY

- Activities: Club Basketball Team
- Relevant Coursework: Data Structures, Algorithms, Linear Algebra, Probability, AI, Machine Learning

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL

Frameworks/Libraries: React.js, Next.js, TensorFlow/Keras, OpenAI API, NumPy, pandas

Infrastructure: GCP, PostgreSQL, Git, Vercel, AWS

PROFESSIONAL EXPERIENCE

Rasa Legal

Jul 2026 (Incoming)

Software Engineer

Remote

Rasa Legal

Jun 2025 – Aug 2025

Software Engineer Intern

Remote

- Shipped an LLM-assisted document classifier (Python, PostgreSQL, GCP) to internal production, processing 10k+ documents at 90% accuracy with <2s latency.
- Deployed a production-ready docket processor pipeline benchmarked on 5k historical dockets; reduced review time from 15–30 min to <2s.
- Built a SQL-based validation harness over 10k+ records to detect drift, conflicts, and completeness, improving pipeline reliability.

Princeton University

Jun 2024 – Aug 2024

Computational Engineering Research Intern

Princeton, NJ

- Conducted data mining and ML research on Quantum Cascade Laser (QCL) design, filtering and analyzing a dataset of 151 million potential structures.
- Developed Python scripts for data processing and visualization, reducing analysis time by 90%+ (from 5+ min to <30 seconds).
- Simulated and validated theoretical performance of optimized QCL designs for applications in chemical sensing, environmental monitoring, and autonomous vehicles.

Veo Careers

Jun 2023 – Aug 2023

Software Engineer Intern

Remote

- Designed and deployed AI-driven workflows for candidate application review, pre-screen video interviews, and resume standardization using OpenAI's API, reducing hiring cycles from 2–4 weeks to 10 days and cutting 20+ hours of screening time per hire.
- Developed an AI chatbot serving 600 monthly users at <\$5/month and automated job board PDF ingestion, eliminating ~2 hours of daily manual work.
- Built automated workflows for a nonprofit prison mentoring program, digitizing physical mail and routing to mentors' inboxes, enabling nationwide scale.

PROJECTS

[screenshot-to-ai](#)

2026

- Built a macOS menu bar app (Python, PyObjC, rumps) that monitors the Screenshots folder and auto-pastes new screenshots directly into an open Claude or ChatGPT browser tab — zero copy-paste required.
- Ships as a real .app with a one-command curl installer; features smart tab detection, pin-to-tab, Start at Login via launchd, and crash recovery.

[cs-study-assistant](#)

2024

- Built a multi-turn AI study assistant (Python, Gradio, OpenAI API) with specialized modes for code review, debugging, ML theory, and technical interview prep.