

Wyatt Sell

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EDUCATION

CORNELL UNIVERSITY

B.S. in Electrical and Computer Engineering

Minor in English

GPA: 4.03

Ithaca, NY

August 2023-Present

PROFESSIONAL EXPERIENCE

SAMARITAN SCOUT | *Volunteering Search Engine*

Head of Technical Development

Remote

May 2024-Present

- Built ETL pipelines using LLMs to scrape, process, and ingest large-scale volunteer data; implemented WebSocket servers and job-tracking interface
- Developed full-stack account, search, and flagging features with Supabase, TypeScript, and React; managed infrastructure and deployments
- Redesigned onboarding, login, search UI (with filters), and account pages to improve UX and engagement

PocDoc | *Point-of-care blood testing*

Summer Intern

Cambridge, UK

July 2025

- Developed robust computer vision software to identify manufacturing defects rapidly, in a range of lighting environments.
- Created sensitivity analysis models for staffing, stock levels and optimal order frequency

REMNOTE | *Memory-oriented Note Taking app*

Software Engineer

Remote

January 2022-June 2023

- Shipped key features for a knowledge management platform, including PDF annotation, rich text formatting, and dark mode
- Collaborated with 12+ developers on feature proposals, code reviews, and team culture initiatives
- Improved developer experience by creating style guides, tests, and utilities; refactored major components to reduce regressions

PROJECTS

REVISIO

Founder

www.revisio.app

April 2021-May 2024

Designed and deployed a full-stack study planning platform with custom spaced-repetition algorithms, nightly microservices for optimal revision scheduling, and automated resource aggregation via web scraping. Built user authentication, payment processing, leaderboards, credit-based incentives, and a scalable database backend to support a collaborative study environment.

ADDITIONAL SKILLS

- **Development:** TypeScript (Node.js, React, Next.js), Python, SQL, Java, C; REST/WebSocket APIs, microservices, data pipelines, D3.js
- **Infrastructure & Tools:** PostgreSQL, Redis, Supabase, Docker, Git, CI/CD, Tailwind, Figma