

Andrew Kozinski

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EDUCATION

Farmingdale State College

Bachelor of Science in Computer Science GPA: 4.0/4.0

Farmingdale, New York

Aug. 2022 - Dec 2025

TECHNICAL SKILLS

LANGUAGES: JavaScript/TypeScript, React, Java, Kotlin, Python, HTML/CSS, C, SQL (SQL Server)

DEVELOPER TOOLS: IntelliJ, Android Studio, Visual Studio, VS Code, PyCharm, Firebase, Azure, S3

EXPERIENCE

Software Engineer Intern

Altice USA (Optimum)

Bethpage, NY

Aug. 2025-Present

- Researched and documented Kotlin Multiplatform capabilities to evaluate feasibility of sharing business logic between iOS and Android versions of the MyOptimum app.
- Developed a proof of concept leveraging existing MyOptimum app APIs, successfully migrating business logic to Kotlin Multiplatform to demonstrate cross-platform compatibility.

Software Engineer Intern

Tomorrow's AI

Remote

September 2024-July 2025

- Led the development of global news media platforms deployed across Europe, China, India, North America, and Oceania, utilizing HTML, CSS, JavaScript, and Python with Flask.
- Assisted in developing the company website using React, collaborating on front-end features, and integrating HTML, CSS, and JavaScript for a responsive user experience.
- Collaborated with fellow interns to develop and enhance projects, contributing to the timely delivery of features and effective team coordination.

Participant, Basta Google Software Engineering Program

Google, Basta

Remote

March 2025-Sept. 2025

- Selected as one of 250 students from 2,600+ applicants for a 10 week mentorship with a Google Software Engineer focused on improving data structures and algorithms, and technical interview prep
- Collaborated weekly with an engineer to solve coding challenges to strengthen problem solving strategies and enhance technical communication.

Teaching Assistant

Farmingdale State College

Farmingdale, NY

Aug. 2024 – Aug. 2025

- Guided 20-30+ students per session in Pre-Calculus and Calculus 1 Workshops, providing hands-on support with assignments to enhance understanding and problem-solving skills.
- Collaborated with a team of 4 TAs to facilitate interactive workshops twice a week, ensuring that students would receive support while also fostering a collaborative learning environment.

PROJECTS

AI-Driven Education: Tailoring For Success

- Conducted research on AI-powered personalized learning using LlamaGPT and Retrieval-Augmented Generation, leading to dynamically generated course content tailored to student proficiency.
- Created an offline AI-powered education system using LlamaGPT with Supabase and Hugging Face embeddings, improving privacy and adaptability in content delivery.
- Co-authored a research paper under faculty supervision, contributing to the conceptual design and implementation of AI-driven dynamic course and quiz generation.

BuffAIFinance

- Co-developed an AI-powered financial assistant using Next.js, FastAPI, and Google Gemini, enabling real-time market insights and trading strategies—recognized with 2nd place at RamHacks.
- Built and optimized backend endpoints with FastAPI, Redis, Amazon S3, and Gemini AI to support real-time sentiment analysis, trading logic, and live chat, enhancing system responsiveness and AI accuracy.
- Created a multi-agent architecture using Gemini AI to route user queries to specialized agents (fundamentals, sentiment, trading), enabling fast, context-aware responses in real time.