Andrew Kozinski

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EDUCATION

Farmingdale State College   Farmingdale, New York
Bachelor of Science in Computer Science GPA: 4.0/4.0   *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   *Bethpage, NY*
Altice USA (Optimum)   *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 them to Kotlin Multiplatform to demonstrate cross-platform compatibility.

Participant, Basta Google Software Engineering Program   *Remote*
Google   *March 2025-Present*
- Selected as 1 of 300 students to engage in 10 weeks of pair programming and mentorship with a Google Software Engineer to strengthen foundational coding skills and prepare for technical interviews.

Software Engineer Intern   *Remote*
Tomorrow's AI   *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.

Teaching Assistant   *Farmingdale, NY*
Farmingdale State College   *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.