

Sashank Kurra

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EDUCATION

University of Illinois Urbana Champaign
B.S. Computer Science and Statistics | GPA: 3.85/4.0

Graduation: May 2028
Champaign, IL

EXPERIENCE

Network Distribution

May 2025 – August 2026

Supply Chain Data Analytics Intern

Schaumburg, IL

- Utilized **Tableau** to build interactive data visualizations and leveraged Python libraries such as **TabPy** and **Prophet** to develop accurate sales forecasting models for improved supply chain planning. This forecast was made with 2 years of fiscal data and produced accuracy of **97%**.
- Built an automated bulk export pipeline with **Google Cloud Tasks**, delivering ZIPs and addresses via expiring **Google Cloud Storage** signed URLs
- Discovered and addressed product-level purchasing discrepancies across key clients by structuring and analyzing sales data, resulting in potentially new revenue opportunities for the company.

LineSkip Software

December 2025 – Present

Founder and Developer

Champaign, IL

- Built and launched a full-stack nightlife platform from concept to production, owning product design, backend architecture, security, deployment, and go-to-market strategy.
- Engineered a Discord-based acquisition and support system with automated ticketing, access control, payment workflows, and role-based permissions to convert users and manage customers at scale
- Designed security controls around authentication, payment verification, permissions, and protected application access, identifying and mitigating abuse cases before deployment.
- Generated \$1,000+ in monthly revenue through direct user acquisition, iterating on pricing, onboarding, and product UX based on real customer behavior.

XPerience Coding

October 2023 – May 2025

Software Engineer

Vernon Hills, IL

- Reworked full curriculum** of company website and **led lessons** teaching younger children how to program in java
- Managed **5+ staff** and delivered STEM curriculum across Python, Java, and Cloudflare to **100+ students**

PROJECTS

Financial Loan Calculator | C++, Python

- Built a machine learning model to predict loan default risk using structured financial data, simulating real-world fintech decision systems
- Integrated LLM-based explanations to generate user-friendly reasoning and actionable financial recommendations
- Designed an automated pipeline for data preprocessing, model inference, and decision output to improve transparency and usability

Polymarket + Crypto Whale Order Bot | FastAPI, Solana API, QuickNode API, Python

- Built a real-time data pipeline that ingests on-chain wallet activity and processes high-volume transaction streams to detect significant market movements
- Developed rule-based and statistical signal models to identify high-confidence whale behavior patterns, enabling early detection of liquidity and momentum shifts
- Automated alerting and decision workflows via Discord integration, transforming raw blockchain data into actionable trading insights in real time
- Optimized event filtering and processing efficiency for scalability across multiple tokens and time windows

TECHNICAL SKILLS

Languages: Java, Python, SQL, C++, R, Kotlin, JavaScript, HTML/CSS, TypeScript
Frameworks/Libraries: FastAPI, QuickNode API, Solana API, Pandas, React, NumPy
Developer Tools: Git, Docker, Google Cloud Platform, VS Code, Claude Code, Tableau