

Keshav Ramamurthy

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EDUCATION

University of Illinois Urbana-Champaign

Bachelor of Science in Computer Science + Advertising

Relevant Coursework: Algorithmic Market Microstructure, Discrete & Data Structures, High-Frequency Trading

Technology, Intro to Computer Systems

Champaign, IL

Expected May 2027

EXPERIENCE

Gondor.Fi (DeFi Protocol, pre-seed \$25m val)

Founding Engineer

Sep 2025 – Present

New York City, NY

- Architected a leverage and credit protocol for prediction markets (Polymarket, Kalshi), delivering 10+ backend services including pricing, market management, order routing, dealer share-fronting, and deployed core Solidity contracts
- Developed the risk and liquidation systems, LTV monitoring systems, oracle management and managed 10+ microservices on Google Cloud Platform
- Owned the entire security infrastructure including code auditing, HSM KMS integration, authentication platforms and multi-signature cryptographic verification

Glider Fi Inc. (DeFi Protocol)

Software Engineer Intern

May 2025 – August 2025

New York City, NY

- Designed a metrics dashboard to view and collate platform metrics such as revenue, user count, user growth in real-time
- Developed a backtesting portal to allow business teams to backtest and project revenue based on changes to fees charged
- Created an API portal for integrators with the Glider API to manage their API usage, billing and authorization

Optimex Capital

Trading and Development Intern

May 2024 – April 2025

- Developed and tested AI-based automation strategies, designed to interact autonomously on-chain to maximize airdrop emissions, achieving a yield of **300%** on invested capital
- Managed a liquid fund to deploy capital into on-chain investments, handling research, investment and due diligence
- Developed an arbitrage agent and contracts to support launch and liquidity provision of tokens in Rust and Solidity, reducing existing infrastructure execution time from **1 second** to **0.001 seconds**

ACTIVITIES

Illini Blockchain | *President & Head of Algorithmic Trading*

BuildIllinois | *Secretary & Events Coordinator*

September 2023 – present

November 2023 – August 2024

PROJECTS

On-chain IPO Cross System | *Solidity, TypeScript*

February 2025

- Built an [implementation](#) of the NASDAQ IPO Cross system to for Initial Coin Offerings (ICOs) on the EVM
- Developed a unique implementation of NASDAQ's internal matching engine for Dutch auction settlement of bids
- Came **2nd Place** in Penn Blockchain Conference Hackathon 2025

Hyperliquid Searcher and Data Aggregator | *C++, Python, Go, TypeScript*

December 2024 – present

- Coded a searcher bot to analyze funding rate differences between perpetual futures exchanges and calculate profitability of a delta-neutral arbitrage
- Wrote a [high-performance C++ compressor](#) and serializer to poll and compress Hyperliquid individual trade data
- Back-tested strategy with data over 6 month period, yielding annualized return of **14%** with delta-neutrality and minimal risk

DeRamp - Cross-chain bridge | *Solidity, TypeScript, React, Next.JS*

April 2024 – June 2024

- Built the first cross-chain bridge from the Ethereum Layer 2 **Base** to the L3 **DegenChain**
- Handled over **\$1,000,000** in volume, using an arbitrage-backed mechanism to handle bridging without dispute
- Reduced withdrawal and deposit times of users from **7 days** to **60 seconds** using custom bridge mechanism