

Nicholas Calcaterra

XXX-XXX-XXXX | nickcalcaterra@cynickal.com | [LinkedIn](#) | [GitHub](#) | [Website](#) | LA, California

PROFESSIONAL SUMMARY

Software engineer with experience developing high-performance applications in C++ and equity portfolio manager specializing in US technology stocks. At CyNickal Software, led the design and implementation of low-latency systems including work with distributed computation and FPGA hardware. Deploying quantitative and discretionary strategies in equity and futures markets for over 5 years with a passion for risk analysis and management.

SKILLS

- Low-latency C++ development
- Profiling and performance optimization
- Equity valuation and risk management
- Market structure and trading
- Risk models and real-time analytics
- Data analysis and monitoring
- SQL and systems programming
- FPGA and hardware-accelerated systems
- Multithreading and reverse engineering

EXPERIENCE

Software Engineer | CyNickal Software | Los Angeles, California **December 2024 – Present**

- Low-latency and stability-critical applications for online gaming written with C++23.
- Utilizing FPGA hardware to spread computational load across systems and improve latency.
- Developed a full-stack system including back-end authentication, payment processing, product delivery, system security, and product testing.

Personal/Family Equity Portfolio Manager **March 2022 – Present**

- Manage a \$300k family equity portfolio focused on maintaining long exposure to US technology stocks
- Developed DCF and relative-pricing valuation models, implemented semi-automated risk-management and rebalancing rules to meet family liquidity requirements, and executed active day-trading strategies to hedge general market exposure

Project Manager, Trader Mentor | [United Traders](#) | Remote **January 2023 - Present**

- Utilized equity portfolio manager and futures trading experience to create lessons and personal mentorships for new traders.
- Led the creation and integration of technical projects including a premium real time news feed bot, automated live technical analysis alerts, website development, and discord bot integration.

PROJECTS

Automated Equity Valuation Screener | C++

- Built an automated equity valuation screener in C++ to evaluate public companies using a multi-stage DCF approach.

Automated Trading Systems | SierraChart

- Developed automated trading systems in SierraChart for a variety of equity futures strategies.

EDUCATION

Bachelor of Business Administration – Financial Management | 3.75 GPA | 4x Dean's Honour List **March 2026**
[Accenda School of Management](#) Vancouver, BC

TRAINING, CERTIFICATIONS, AND OTHER INFORMATION

CFA Level 1 Candidate | CFA Institute | Registered for November 2026 Exam **November 2026**

Practical Application of Gen AI for Project Managers | Project Management Institute **September 2025**

Fundamentals of Predictive Project Management | Project Management Institute **September 2025**

Former Collegiate Athlete | Colby College **December 2021**

California All-State Offensive Lineman | Palisades Charter High School **2018, 2019**