

VICTOR LI

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Education

University of Illinois Urbana-Champaign

Bachelor of Science in Computer Science and Philosophy

Aug 2021 – Aug 2024

GPA: 3.75/4

University of Illinois Urbana-Champaign

Master of Science in Computer Science

Aug 2024 – Dec 2025 (Expected)

Relevant Coursework

High Frequency Trading, Financial Engineering, Competitive Algorithmic Programming, Machine Learning, Computer Systems, Programmings Languages & Compilers, Algorithms, Data Structures, Game Development, Statistical Analysis, Neuroscience, Advanced Symbolic Logic, Philosophy of Mathematics, Numerical Analysis, Software Design.

Experience

TAMID Group

Investment Analyst and Consultant

Aug 2023 – Now

Champaign, IL

- Collaborated with a team of analysts to conduct in-depth investment research on the aerospace and defense industry for an investment fund, analyzing company financial statements and key factors such as leadership, product differentiation, and competition through earnings call presentations.
- Highlighted a company as a strong investment opportunity and developed a stock pitch based on research. The stock outperformed the industry by 20% and the broader market by 12% in the six months following the recommendation, driven by robust earnings growth and tailwinds from geopolitical events.
- Led a consulting initiative for an Israeli FinTech company, using data analytics to enhance their personal finance platform and developing a rollout strategy for U.S. expansion. Supported by competitive research, the plan contributed to improved user engagement and strong market positioning.

GeniAI

Software Engineer

Jun 2023 – Dec 2023

Champaign, Illinois

- Collaborated with a team of engineers in revamping backend infrastructure for generative AI education SaaS platform.
- Enhanced data retrieval efficiency in PostgreSQL by utilizing bitmap index scans and optimizing queries through query refactoring, reducing query execution time by 35%.
- Communicated with the CEO to address business needs and led the integration of Google Classroom API, implementing OAuth 2.0 for secure authentication and synchronization of course data. This integration streamlined access for teachers and students, expanding the user base by 50% in the next quarter.

University of Illinois

Teaching Assistant

Jan 2022 – Dec 2022

Champaign, Illinois

- Led discussion sections and labs for over 300 students focusing on data structures and algorithms, incorporating software development best practices and creating interactive materials to reinforce learning.
- Held regular office hours, offering students guidance on algorithm concepts and OOP principles, grading coding assignments and projects, and collaborating with instructors to enhance course content.

Project

High-Precision Time Synchronization with Raspberry Pi

Feb 2024 - June 2024

- Developed a high-precision time synchronization system using Raspberry Pi as PTP GPS Grandmaster clocks.
- Automated data collection through custom scripts, and led the implementation of optimizations, achieving a 75% decrease in average synchronization error, and approximately 60% reduction in standard deviation. 📊

Skills

Languages and Tools: Python, C++, Haskell, C, Java, Unreal, Generative AI, Bloomberg Terminal

Interests: Markets, Business, Capitalism, Politics and Government, Go, Poker, Hearthstone, Running, Squirrels