

Thomas Kennedy

tkennedy@virginia.edu ♦ (703) 472-2682 ♦ McLean, VA | U.S. Citizen

EDUCATION

University of Virginia

BA, Computer Science; BA, Mathematics

- GPA: 3.87/4.0; SAT: 1540

Present - Expected: May 2027

Charlottesville, VA

LEADERSHIP

+EV Club

President/Founder

Mar. 2025 - Present

Charlottesville, VA

- Started a club dedicated to researching/automating nontraditional opportunities for arbitrage, primarily working in online entertainment. Led research, execution, and support for all club members.
- \$30,000+ in total club profits after 1 semester.

PROJECTS

Automatic Blackjack Player and Card Counter

Feb. 2025 – Present

- Created a program to automatically play various online blackjack games. Used multiple methods of data collection, such as a reverse proxy, web scraping, and image recognition/classification.
- Implemented a modified EV engine that achieves <100ms runtime for 8-deck shoes.
- Currently played through over \$130,000 across all accounts.

WORK EXPERIENCE

TRB Capital Management LLC

Jun. 2025 - Present

Research Intern

Charlottesville, VA

- Worked with Dr. Taylor Brown to implement the FIX protocol into his automated trading system.
- Wrote C++ wrappers around the QuickFIX engine.
- Helped formalize the overall design of the program by using Python and NetworkX.

Verizon

Jun. - Aug. 2025

Network Automation Intern

Basking Ridge, NJ

- Created a platform for automatically generating build configuration YAML files used in Oracle OpenShift.
- Saved **6 hr/day** of engineering time and **2+ weeks** of waiting on a vendor.

Meritarc

Jul. 2024 – Aug. 2024

Software Engineering Intern

Remote

- Helped develop an AI agent to assist users with making car payments using Microsoft Semantic Kernel.
- Directly led the high-level design, implementation, and testing processes of the program.

University of Virginia

Jan. 2025 – Present

Teaching Assistant

Charlottesville, VA

- Worked with Dr. John Hott as a teaching assistant for CS 2130: Computer Systems and Organization 1.
- Supervised teaching for over 400 students in assembly programming, digital logic design, and computer architecture concepts. Oversaw lab sessions, assisted with exam writing, and hosted personal tutoring.

SKILLS & INTERESTS

- **Skills:** Python; C/C++; Java; x86-64; Linux; Requests; Web Scraping.
- **Interests:** math; visualizations; probability; advantage play; documentaries; homebrew; nintendo