



JACKSON GIORDANO

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EDUCATION

Virginia Tech

B.S. in Computer Science, Minor in Mathematics

August 2021 – May 2025

Blacksburg, Virginia

University of Tennessee Knoxville

M.S. in Computer Science, Machine Learning

June 2025 – May 2026

Knoxville, Tennessee

CAPSTONE

Software Engineering Capstone | JavaScript, MySQL, Flask, Python

Project Manager

January 2025 - Present

Virginia Tech

- Lead Capstone team of 5 and the projects sprints, delivering a cost-effective solution utilizing Agile Methodologies.
- Built a VT Jobhub membership system utilizing CAS, improving communication between companies and students.
- Replaced a paid solution, to reduce costs for VT and improve efficient communication.

PROJECTS

GioGPT.com | JavaScript, CSS, Webhosting, JSONL, OpenAI API

July 2024 - Present

- A personal chatbot, fine-tuned on OpenAI API 4o model, published to website using GoDaddy webhosting.

GioBlockchain | Python, HTML

December 2024 – January 2025

- A Python-based blockchain with ECDSA-secured transactions, Proof-of-Work, and a Flask web interface for managing and viewing the blockchain.

GioAdvisor.com | C

July 2025 - Present

- Foreign conflict simulator utilizing OpenAI API 4.1 model, providing advice based on specifically configured foreign conflicts. Includes a ranking system for all countries power levels.

INTERNSHIP

American Systems Corporation

Cyber Operations Intern

December 2024 – January 2025

Chantilly, Virginia

- Performed incident response, security tool management, log analysis, and threat hunting.
- Utilized Azure and Microsoft Defender for Cloud for log analysis and incident response.
- Successfully deploy password-sprayers, user enumerators, and MFA Token stealers to detect vulnerabilities.
- After exploiting these vulnerabilities, we were able to detect them through logs and prevent future attacks.

WORK EXPERIENCE

Proven AI

June 2025 - Present

Associate Software Engineer

- Performed wireframing for new apps and conducted vital design choices on future applications.
- Structured database systems using Convex and other systems.
- Providing software solutions to customers utilizing different AI solutions.

TECHNICAL SKILLS

Proficient Languages: C++, Java, Python, Typescript, many more.

Databases: Convex, MySQL, MongoDB, SQLite, MSSQL

Operating Systems: Linux, macOS, Windows

Version Control: Git, GitHub

Certifications: Security+ 501, CompTIA A+ Core 1 & Core 2