



# 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