

Steven Godinez

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OBJECTIVE

Seeking a Software Engineering opportunity where I can apply robust, AI-driven backend systems, design intelligent automation, and build scalable, efficient, and secure software solutions.

EDUCATION

Northeastern University, Khoury College of Computer and Information Science

Boston, MA

Candidate for Bachelor of Science in Computer Science and Mathematics

May 2027

Relevant Coursework: Object Oriented Design | Logic and Computation | Foundations of Cybersecurity |

Calculus 1 & 2 | Three.js Journey | Graduate Foundations of AI | Fundamentals of CS 1 & 2 | Discrete Structures

Affiliations: Khoury First Member | Jiu Jitsu at NU | Pi Kappa Phi | ColorStack NEU | HackbeanPot | CareerSprings

PROFESSIONAL SKILLS

Programming and Development: Java | Python | HTML | CSS | JavaScript | JUnit | Three.js | Next.js | Flask | OS

Tools and Technologies: Git | Vercel | PostgreSQL | Maven | Weka

Cybersecurity and Systems: Ransomware | Nmap | Metasploit | Ssh | Stormbreaker | Linux | Kali | ParrotOS | Ubuntu

ACADEMIC & PROFESSIONAL EXPERIENCE

AI-Cyber Threat Detection and Response

October 2024 – In-Progress

Java | MongoDB | Weka | Netty | Log4j | Maven

[godinezsteven1/AI-CyberDetectionProto.git](https://github.com/godinezsteven1/AI-CyberDetectionProto.git)

- Designing AI system for real time cyber threat detection (malware, phishing, DDoS) using ML and Deep Learning.
- Applying anomaly detection and Deep Learning to scan network activity patterns and predict attacks.
- Developing reinforcement learning-based defenses to adapt to new threats with IP-based defenses in MongoDB.

Stock Simulation

June 2024 – July 2024

Java | Java Swing | API | CSV | XML

[godinezsteven1/StockSimulator.git](https://github.com/godinezsteven1/StockSimulator.git)

- Utilized Java Swing to create a GUI/TUI based interaction to have the ability to buy, sell, create, evaluated portfolios.
- Bridged an API stock call to get real time data on CSV to be processed as an XML for program usage.
- Created a single-source of truth to store API data that were stored locally in jar/ file with following SOLID principles.

EXPERIENCE

InTouchBHL

Houston, TX

Contract Software Engineer

January 2025 – Present

- Rebuilding companies' front-end using HTML, Tailwind CSS, and Next.js for a seamless UI and experience.
- Engineering companies' back-end using Flask for real time features, business logic and API endpoints.
- Developing a custom postgresSQL database for a technician ticketing system integrated with a dashboard.

HackbeanPot Inc

Boston, MA

Workshop Lead

Sept 2024 – Present

- Collaborating with 20+ industry professionals and professors to create engaging technical workshops.
- Supervising workshop logistics, including scheduling, preparation, and promoting workshops to 300+ participants.
- Facilitating communication between 10 presenters, and HackbeanPot ensuring high-quality execution on workshops.

SKILLS & INTERESTS

Languages: English | Spanish | French

Interests: Powerlifting | Fishing | HD- Motorcycles | Arduino | Electronics Tinkering | Ethical Hacking | 3D environment design | Algorithmic Reasoning