

Garrett McGuire

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Objective

Seeking an internship or full-time position in software engineering where I can apply my passion and technical skills in programming that I've learned while pursuing my bachelor's degree in Software Engineering/cyber-security.

Education

KENNESAW STATE UNIVERSITY

KENNESAW, GA // MAY 2021- MAY 2024

- *Bachelor of Science in Software-Engineering (3.92 GPA) // Order of the Sword & Shield National Honor Society of Homeland Security*
- *Minor: Cyber-security*
- Relevant coursework: Intro to Cybersecurity Principles, Programming 1 & 2 (Java), Intro to SWE, Discrete Comp. Structures, Probability & Data Analysis, Client systems security, Op systems concepts and admin, Database systems.

Skills

- **Technical Skills:** Java, C++, Python, HTML, CSS, JavaScript, React, Tailwind, Node.js, SQL, MongoDB, Figma, Linux, Scripting, Reverse engineering, Malware analysis.
- **Soft Skills:** Oral and written communication, Lifelong learner, Reliable and Consistent, Organized and Detail Oriented, Strategic Thinker.

Projects

Raven – Initial Access Broker detection program

- Built an application that fetches information from our Intelligence platform API in JSON. The information is parsed and then input into the NLP model ChatGPT using the OpenAi API. If ChatGPT returns true, we are notified in real-time that a threat actor is selling access to a member's infrastructure.

Lunar Isle - Botnet

- Malware project written in C++ with the C2 server code written with Python. C++ was utilized to keep the binary less than 50 kilobytes and Python for the ease of use. A fully reversible reverse/bind shell written in C++, compatible with all versions of Windows. Elasticsearch and Kibana handle multiple connections of the bots to display their status and privileges.

Hoobank – modern banking website

- Built and deployed a modern banking website as a personal project. The project was designed in Figma and built using React.js and Tailwind CSS.

Leadership

Vice President – Information Systems Security Association (KSU) – January 2022 – December 2022

- Lead and organize events for our 250+ member club at KSU. Collaborate with a team to teach classes on malware analysis & CTF's.

Full Stack Ambassador – Google Student Developer Club (KSU) – August 2021 – February 2022

Experience

Cyber Threat Intelligence Analyst Intern– CIS - September 2022 - Present

- Engaged in Intelligence analysis and writing reports. Built a program using Python that rates the Cyber Threat Actors credibility, using an API from our Intelligence platform to import factors such as account age, post history, successful sales of data, etc. The program weighs each factor and generates a rating for the CTA. Other data points are then imported such as associated groups and acquaintances.

Client Technical Support – Fiserv – April 2022 – September 2022

- Built the first commercial center team and collaborated with that team to deliver needed support to Republic Bank. Setup and tested new workstations for the team of 40 members and successfully trouble shoot all technical issues that followed.