

AUSTIN PAULLEY

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"Cybersecurity and AI-Focused Professional Driving Innovation in Threat Detection and Digital Defense."

Passionate and driven cybersecurity graduate with a strong foundation in artificial intelligence and network security. I am skilled in identifying vulnerabilities, mitigating risks, and applying AI-enhanced solutions to modern cybersecurity challenges. Experienced in AI-based email threat modeling and legitimacy testing, with a commitment to staying ahead of evolving digital threats. Proficient in scripting, secure coding, pen testing and managing data pipelines to support intelligent security systems. Eager to apply strategic thinking and hands-on technical skills to protect organizational infrastructure and support security operations.

CORE EXPERTISE

Cybersecurity & AI	Technical Operations	Leadership & Strategy
Threat Detection	Software Systems	Team Leadership
AI Development	Network Troubleshooting	Strategic Planning
Secure Coding	Data Pipelines	Staff Management
Pen Testing	Quality Assurance	Inventory Management

TECHNICAL SKILLS

- **Programming & Scripting:** Python, Java, C++, Rust, JavaScript, Prolog, Linux.
- **Web & DevOps:** React, Secure HTML, Docker, Flask, Visual Studio, Digital Ocean, GitHub, Open AI API.
- **Cybersecurity Tools:** Burp Suite, Wireshark, Kali Linux, Nmap, Metasploit.
- **Cloud & Infrastructure:** AWS, Azure, MongoDB, Digital Ocean, SQL.

EDUCATION, CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

Cybersecurity Major | Stetson University, Deland, FL | August 2022 – December 2024

GPA of 3.1/4.0 | Full scholarship recipient in Spring 2021 | Part of Stetsons Honors College | Advance Coding, Webapps, Network Security, Big Database, Artificial intelligence, and Cybersecurity

Associate of Arts | Daytona State College, Daytona Beach, FL | August 2020 – May 2022

GPA of 3.65/4.0 | Dean's List (Spring and Fall 2021) | Quanta Honors Program

ServSafe Managers Certificate | January 2023 – January 2028, (Actively studying for CompTIA Security+)

PROJECT EXPERIENCE

AI-Driven LinkedIn Phishing Email Generator & Database Legitimacy Tester

Stetson University Cybersecurity Senior Project

- Developed a Python GUI to generate AI-crafted phishing emails based on scraped LinkedIn data.
- Tested email legitimacy using OpenAI's GPT models to simulate human detection.
- Integrated MongoDB for structured result storage based on temperature, chain size, and AI model used.
- Analyzed performance trends across different AI configurations to assess susceptibility.

PROFESSIONAL EXPERIENCE

Half Wall Brewery | New Smyrna Beach, FL, 32168

Former Full Time Kitchen Manager / Line Cook | May 2020 – Present

- Promoted from dishwasher to Kitchen Manager within three years due to strong leadership.
- Implemented strategic initiatives and worked to streamline kitchen operations, optimizing workflow efficiency and fostering a collaborative staff environment.

Freelance Web Developer | New Smyrna Beach, FL, 32168

Independent Projects | November 2024 – Present | Examples: austinpaulley.com, vomrugerhaus.com

- Design and develop responsive, mobile-friendly websites using HTML, CSS, React, and Python frameworks, integrating APIs and backend services such as MongoDB, Flask, and OpenAI tools."
- Collaborate with small business clients to gather requirements and deliver customized solutions.

VOLUNTEER/LEADERSHIP EXPERIENCE

- Represented the Student Government Association at Daytona State College, actively engaging in how-to guides or decision-making processes and advocating for the student body or problem-solving.
- I devoted more than 500 hours to volunteering throughout schooling, contributing to the enrichment of community programs such as Southeast Volusia Babe Ruth and the local Barracuda High School Marching Band.