

# ABBOT TUBEINE

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## EDUCATION

### Sattler College

*Bachelor of Science in Computer Science; GPA: 3.67*

### Indiana Wesleyan University

*Bachelor of Science in Cybersecurity; GPA: 4.0*

**Coursework:** Data Structures and Algorithms, Web Application Development, Computer Systems, Network Systems and Security, Human-Computer Interaction, Information Systems and Project Management, Windows and Linux Privilege Escalation.

May 2027

Boston, MA

May 2026

Marion, IN

## TECHNICAL SKILLS AND CERTIFICATIONS

**Programming Languages:** Python, JavaScript, C, C++, SQL, Golang, R, Objective C, HTML/CSS

**Frameworks/Libraries:** React.js, Next.js, Vercel, Typescript, Convex, Node.js, Express.js, Material UI, MongoDB, Blueprint

**Developer Tools:** Git, Expo, PyCharm, Docker, AWS, Azure, Google Cloud Platform, Figma, WordPress

**Penetration Testing Tools:** Nmap, Wireshark, Metasploit, Nessus, Burp suite, Searchsploit, Exploit-DB

**Professional Certifications:** Oracle Data Management (Certified Foundations Associate), ISC2(CC), PEH (TCM Security), Practical Network Penetration Testing (PNPT – *Expected Date: 08/20/2024*), OSCP (*Expected Date: 09/16/2024*)

**General Certifications:** Software Architecture Foundations, Azure Fundamentals, Git Essentials, Linux Unhatched (CISCO)

## RELEVANT EXPERIENCE

**Adam Networks** | *Cybersecurity Penetration Tester* | Ontario, Canada

June 2024 – August 2024

- Conducted a comprehensive web application penetration test on Adam Networks' website, identifying security vulnerabilities following the OWASP methodology, and an OSINT analysis on the company to identify data leaks, and information exposures.
- Generated detailed reports outlining findings, recommendations, and mitigation strategies to enhance the company's cybersecurity posture and safeguard sensitive information against external threats.

**Faith Tech** | *Software Engineer* | Boston, MA

November 2023 – Present

- Collaborating with a team of 10 software engineers to build an **AI-assisted** Digital Missionary Assistant to enhance the efficiency and effectiveness of online missionaries in managing email correspondence.
- Utilized Python, React, and docker in conjunction with **CI/CD** pipelines to develop and deploy the application, ensuring a streamlined and scalable development process.

**Sattler College** | *Web Developer* | Boston, MA

August 2023 – Present

- Conducted comprehensive **SEO audit**, including keyword optimization, backlink enhancement, and content revision; achieved a **50% increase** in page views and improved search engine and keyword rankings to the top **3** positions within **3** months of launching the college's new tuition model.
- Translated institutional goals into compelling web narratives with the marketing team; boosted digital engagement by **35%**, contributing to an increase in prospective student inquiries by **20%** in 2023.

**AI4ALL Ignite Accelerator Program** | *Incoming AI Engineering Fellow*

August 2024 – November 2024

- Accepted into a highly selective 13-weeks program that hosts technical workshops, responsible AI discussions, group work, and mentorship from industry experts with a goal of building a final project to present to companies at the student symposium.

## PROJECTS

**Sattler Media** | *Python* | *Flask/Jinja* | *SQL* | *HTML/CSS* | *JavaScript* | [Demo](#)

- Developed a full-stack social media application that enables seamless user registration, authentication, and content posting with a dynamic and responsive interface.
- Implemented user-specific functionalities, including personalized notifications, allowing users to stay updated with new posts and interactions in real time.

**Travel Wise** | *React.js* | *Node.js* | *Tailwind CSS* | *Firebase* | [Demo](#)

- Developed a dynamic city mapping application using React, featuring an interactive map for intuitive navigation, by using a component-based architecture and employing state management techniques to enhance the scalability and maintainability of the web application.

**Network Port Scanner** | *Shell* | *Python* | [Demo](#)

- Developed a custom Python-based port scanner to enhance my network security assessments by accurately scanning up to **65,535** ports for open ports on target IP addresses.
- Enhanced the tool with a robust error handling and timeout mechanisms, achieving a **95%** accuracy, while integrating socket programming and subprocess management to produce detailed reports on the network status, reducing false positive rates by **30%**.

## LEADERSHIP & PROFESSIONAL DEVELOPMENT

**C.O.D.E.R.S** | *President* | Boston, MA

March 2024 – Present

- Organized weekly meetings and technical workshops for an association of career-driven computer science students, overseeing group projects and fostering networking opportunities to support career growth.

**National Society of Black Engineers, NSBE** | *Member*

January 2024 – Present

- Engaged in professional development initiatives and events aimed at promoting diversity and inclusion of black and Latinx computer science students in the tech industry.

**ColorStack** | *Fellow*

December 2023 - Present

- Engaged in professional development initiatives and events aimed at promoting diversity and inclusion of black and Latinx computer science students in the tech industry.

**CodePath** | *Member*

May 2024 – Present

- Completed a **10-week** course alongside **5,000+** students, gaining industry-relevant skills, hands-on experience, and professional development support to excel in tech careers.