

Adam Strotman

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EDUCATION

University of Dayton, Dayton/Ohio/United States

Aug 2019-May 2023

Bachelor of Science

Majoring in Computer Information Systems, Minor in Cyber Security Management, Concentration in Cyber Defense

- Cyber Security Fundamentals- Use Kali Linux to try to gain access and prevent access to another VM that my partner and I secured using common cyber security practices
- Secure Application Development- Learned the vulnerabilities of multiple coding languages and how to develop secure client server applications
- Languages: Python, JavaScript, Vue, Nuxt, Java, GoLang, C, GitHub, TypeScript, HTML, CSS, Visual Basic
- Operating Systems/Programs: Windows, Linux, VirtualBox, VMWare, Tableau, Office 365, NIST, MongoDB

WORK EXPERIENCE

Guidehouse, (Remote)

Cyber Security Consultant Intern

May 2022-Aug 2022

- Worked within the public health cyber compliance team to audit health CMS clients based on NIST and other industry security standards.
- Helped support technical testing sections including Cloud Review.
- Completed work papers, testing, and noting of cyber security gaps within the clients' systems.
- Worked with a team to review and address client AWS cloud and provide security recommendations for the client's systems.
- Aided in the completion of a whitepaper outlining new controls based on NIST Standards that would start to be implemented in the next audit cycle.
- Presented a mock client pitch to management. Worked in a team environment, performed research, and created a well-organized PowerPoint deck. The topic of the project was related to the growing concern of healthcare MSP cyber-attacks. My team presented solutions for healthcare providers to secure their systems and what to do if they do get breached.

FOX Sports, Cincinnati, OH

Software Developer (Full-time during summer/Part-time during school)

May 2021 – April 2022

- Worked with the foxsports.com team to improve the website using JS, Vue, Nuxt, CSS, HTML.
- Performed numerous SEO tickets that helped lead to over a 130% increase YoY in SEO; these are the best numbers the team has achieved.
- Fixed a multitude of bugs that enhanced the look and performance of the site.
- Added features to the website to allow the user to access content more easily.
- One specific ticket that I worked on breadcrumbs for all the event pages which helped the SEO of those pages and helped the user have a better experience.

PROJECT EXPERIENCE

Messenger Application, JavaScript, HTML, CSS, MongoDB

Nov 2022

- Worked with a team to build a functional messenger application.
- Used a three-layer architecture with a front-end, back-end, and data layer helping.
- New users can log in and credentials are saved into the data base along with all their previous chat history.
- Users can join groups and private message specific users in the app as well as private messaging a specific group.
- Incorporated controls to prevent SQL injection attacks.
- Created the appropriate documentation for all use cases and sequence diagrams used within the app.

Social Media Site, Python (Django)

Nov 2021

- Made use of many of the Django libraries to make a website in which a user can sign-up with a username and password. The user can post pictures with a caption that can be liked by other users. The posts are sorted on the home page by most recent post.

Securing a Metasploitable System, Kali Linux

April 2022

- Added security controls to a metasploitable system in order to secure the system against a slew of attacks from a Kali Linux system.
- Used Kali Linux tools to attempt to breach the metasploitable system.

Stock Finder, Python

Jan 2021

- Used the pandas library to produce a graph based off users query for a specific stock, time and information (i.e. highs and lows).
- Used pandas_datareader, matplotlib.pyplot and datetime.