

Brandon Kuffner

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EDUCATION

Wilmington University

Wilmington, University

Bachelor of Science in Cybersecurity — GPA:3.42 — Deans List x2

May 2022 – Mar 2025

- **Introduction to Computer Hardware and Operation:** Acquired in-depth knowledge of modern computer components and gained a comprehensive understanding of machine operations by building one from scratch.
- **Linux for Systems Administrators:** Advanced to a new understanding of **Linux** systems and how System Administrators take advantage of this software. Used **VMWare** as a platform to clone multiple Linux software on a virtual computer.
- **Foundations in Cyber Investigations:** Explored the motives behind cyber-attacks and how **investigative** techniques can uncover future cyber threats.
- **Database Fundamentals:** Gained critical information on how databases are created, which database you should use; learned **SQL** correspondingly.

CERTIFICATIONS

AWS Cloud Practitioner — AWS Solutions Architect Associate — AWS Knowledge: Architecting

EXPERIENCE

Dispatch Operations Specialist

April 2024 – Present

Amazon

Tempe, AZ

- Successfully operated in a high-paced call center environment, simultaneously using multiple devices to **authenticate** and **authorize** the secure entry and exit of trailers from various sites.
- Compiled and analyzed a detailed Excel spreadsheet containing SCAC codes for **17,000** companies, enhancing daily operations efficiency and accuracy.
- Collaborated with management to implement various techniques, resulting in a **15%** reduction in individual defects.

E-commerce Online Grocery & Delivery Associate

October 2020 – April 2024

Walmart

Phoenix, AZ

- Collaborated with management to **analyze** and address issues affecting on-time delivery metrics.
- Implemented role modification changes, and strategic stocking plan resulting in a significant increase in the on-time delivery **metric** from 93% to 98%

PROJECTS

AWS Cloud Resume Challenge | *Python, Lambda, S3, GitHub, HTML/CSS, DynamoDB, APIs, Terraform*

- Designed and developed a responsive and interactive website using HTML, CSS, and JavaScript
- Deployed the website on Amazon S3 for **scalable** and secure storage. Utilized CloudFront for content delivery network capabilities, ensuring fast and reliable global access. Managed domain routing using Amazon Route 53.
- Implemented AWS **Lambda** functions using Python to interact with a DynamoDB database. The Lambda functions handled requests to dynamically update and retrieve the visitor count displayed on the website.
- Implemented a **CI/CD pipeline** that automated the build, test, and deployment processes, allowing for seamless updates and rapid iteration on the website.

100 Days of Python | *Python, VScode, Docker, GitHub, React, Apache*

- Completing an extensive 100-day project to enhance **Python** skills, creating 65 diverse projects.
- Built a fully functional **coffee maker machine** program, simulating real-world operations and user interactions.
- Created a dynamic website with a **Python** backend and a **React** frontend, demonstrating full-stack development capabilities.
- Created an **OOP** project generating random ASCII art, applying principles of **object-oriented programming**.

TECHNICAL SKILLS

Languages: Python, Rust SQL, JavaScript, Bash, Shell Scripting

Development: Django, HTML5, CSS, Terraform, Docker, Kubernetes, Linux, Windows, CI/CD

Cybersecurity: Wireshark, Threat Analysis, Authentication/Authorization, Troubleshooting, Networking, Firewalls

AWS: S3, EC2, Lambda, DynamoDB, IAM, KMS, Cloudfront, Redshift, Kinesis, Fargate, Glue, Cognito, CloudWatch