**EDUCATION**

WICHITA STATE UNIVERSITY (WSU), WICHITA, KS May 2023

**B.S. Applied Computing GPA: 3.98**

**Minor: Computer Science**

**Graduated: Summa cum laude**

**SKILLS**

* **Programming Languages:** C++, JavaScript
* **Scripting & Automation:** Python, PowerShell, Batch
* **Web Development Frameworks:** HTML, CSS, Django, Bootstrap
* **Project Management Tools:** Jira, Bitbucket, GitHub

**EXPERIENCE**

**NETAPP**

**January 2021 – Present**, Software Engineer in *Test*

* Designing and writing test scripts to automate repetitive tasks, covering both functional and non-functional requirements.
* Working closely with the DevOps and development teams to integrate test automation with CI/CD tools like Jenkins and Git.
* Working alongside software developers, QA engineers, and product managers to understand the software requirements, design test cases, and ensure comprehensive test coverage.
* Performing manual tests for complex scenarios that are not easily automated.
* Ensuring that new features do not introduce regressions by running manual and automated tests for previously released functionalities.
* Identifying defects, tracking them, and working with the development team to ensure that issues are resolved.

**WICHITA STATE UNIVERSITY**

**August 2020 – June 2021**, *Data Analyst Intern -* **Shocker Career Accelerator**

* Utilized statistical techniques for data mining, revealing actionable insights for informed decision-making and strategic planning.
* Spearheaded creation of Power BI dashboards, granting stakeholders real-time access to critical metrics for data-driven decisions.
* Managed intricate datasets with SQL and Python, ensuring data quality and generating reliable insights.

**PROJECTS**

**Security Audit and Penetration Testing of OWASP Juice Shop Web Application,** *Security Engineer*

* Spearheaded security audit and penetration testing, identifying critical weaknesses like SQL injection and XSS.
* Provided actionable recommendations for fortifying the application against potential threats.
* Utilized advanced tools including Nmap and Kali Linux for a robust security assessment.

**Development of Database Benchmarking Website Interface,** *Full Stack Developer*

* Collaborated with cross-functional teams to develop performance database using Python, Django, and SQL, featuring a user-friendly

interface in HTML, CSS, Bootstrap, and JavaScript.

* Revamped performance tracking on the website, improving identification of poor performance issues.
* Played a key role in the implementation of the application’s back-end using Django and MySQL to optimize data retrieval and storage.

**Drive Channel Test Development,** Software Engineer in *Test*

* Designed and implemented a robust testing framework for Drive Channels using pytest.
* Validated critical functionalities, ensuring seamless Drive Channel operations across diverse scenarios.
* Collaborated with code reviewers, refining testing methodologies based on valuable feedback.
* Implemented stringent unit testing strategies to ensure code accuracy and compliance with industry best practices.
* Utilized systematic logging practices and meticulous comments, expediting debugging, and improving code readability.

**AWARDS & HONORS**

**Dean’s Honor Roll**

* Recognized for Academic Excellence by the College of Engineering from 2021 - 2023.

**Golden Phish Award**

* Golden Phish Award recipient for crafting an effective phishing email, demonstrating strong OSINT and cybersecurity skills.

**Engineering Open House Award**

* Team Award for collaborating on a cybersecurity solution with Kiowa County and Greensburg city to mitigate a critical risk.