Willie Conway

DATA ANALYST / SOFTWARE ENGINEER

(843) 592 -1746

hire.willie.conway@gmail.com

Beaufort, SC, United States, 29906

SUMMARY

Versatile and highly certified technologist with 230+ industry credentials in data analysis, software engineering, and IT systems. Proven track record in deploying technical solutions, analyzing complex datasets, and leading teams across military, government, and retail environments. Expertise spans SQL, Python, MySQL, cybersecurity, and data visualization. Committed to operational excellence, continuous learning, and cross-functional impact in high-stakes, data-driven environments.

SKILLS

- Data Analysis
- Excel / Google Sheets
- Software Troubleshooting
- System Performance Monitoring
- Data Visualization (e.g. Tableau, Power BI)
- Attention to Detail
- Problem Solving
- Adaptability

- SQL
- Python
- Cybersecurity Awareness
- Version Control (Git)
- Basic Web Development (HTML/CSS/JS)
- Time Management
- Communication

EDUCATION

Park University, Bachelor of Science, Computer Science and Information Science, Parkville, MO

2015 — 2020

- Achieved a GPA of 3.5/4.0

Park University, Bachelor of Science, Criminal Justice Administration, Parkville, MO

2013 — 2018

- Achieved a GPA of 3.4/4.0

EXPERIENCE

Store Worker, Defense Commissary Agency, Beaufort, SC

Jun 2012 — Current

- Analyzed POS and inventory data to reduce stock discrepancies by 30% and improve sales forecasting accuracy.
- Optimized store layout and workflows using data insights, increasing foot traffic and transaction speed by 15% and 50%.

- Collaborated with cross-functional teams on promotions and operations, driving a 40% increase in seasonal sales.

Criminal Justice IT Specialist (Intern), Beaufort County Detention Center, Beaufort, SC

Jun 2018 — Jul 2018

- Developed IT solutions and streamlined data systems, improving efficiency by 30% and reducing data breaches by 40%.
- Collaborated with law enforcement to integrate tech tools and analyze system performance, boosting uptime by 20%.
- Conducted training and supported software upgrades, enhancing team proficiency and ensuring regulatory compliance.

Assault Amphibious Vehicle Crewcheif (AAV), U.S. Marine Corps, Camp Lejeune, NC

Apr 2008 — Apr 2012

- Operated and maintained complex vehicle systems, improving reliability and mission performance metrics.
- Led and trained cross-functional teams, enhancing operational efficiency and technical skill development.
- Adapted to dynamic environments using advanced navigation and recon tools to deliver critical intel and ensure mission success.

CERTIFICATIONS AND LICENSES

Over **230+ professional certifications** across data analytics, software engineering, IT, and cybersecurity. Highlights include:

Data & Analytics
- Google Data Analytics Professional Certificate
- IBM Data Analyst Professional Certificate
- IBM Data Science Professional Certificate
- Google Cloud Data Analytics Certificate

Software Development
- Meta Generalist Software Engineer Certificate
- IBM Full Stack Software Developer Certificate
- IBM DevOps & Software Engineering Certificate
- IBM Applied DevOps Engineering Certificate

Cybersecurity & Cloud
- IBM Cybersecurity Analyst Professional Certificate
- Microsoft Azure Security Engineer Associate (AZ-500)
- Google Cybersecurity Professional Certificate

Full badge portfolio: Credly Profile

PROJECTS

Global Superstore: Data Modeling & Analysis
Personal Project – Beaufort, SC | Sept 2024

- Restructured and normalized a relational database in MySQL; created an ER diagram to optimize data efficiency.
- Analyzed sales performance using Tableau; built interactive dashboards to visualize trends by region and product category.
- Developed dynamic, stakeholder-ready dashboards for real-time data exploration and business insight.

Little Lemon Database Project
Personal Project – Beaufort, SC | Sept 2024
- Designed and implemented a logical data model using MySQL with Forward Engineering techniques.
- Wrote complex SQL queries using JOINS, subqueries, and stored procedures to manage customer bookings and orders.

Facebook Ad Conversions Analysis
Personal Project – Beaufort, SC | Oct 2024
- Performed linear regression analysis in Python to evaluate the relationship between ad clicks and conversions.
- Visualized data and model outcomes using Matplotlib; interpreted results and diagnosed distribution issues using the Shapiro-Wilk test.

Sales Dashboard & Insights (Retail Experience Project)
Retail Role-Based Project | 2023
- Used Tableau to analyze retail performance, visualizing customer data and sales trends to support inventory and promotional planning.

TECHNICAL SKILLS

Programming & Scripting: Python, SQL, JavaScript, HTML, CSS
Data Tools: Excel, Google Sheets, Pandas, NumPy, Matplotlib, Seaborn
Visualization Platforms: Tableau, Power BI
Databases: MySQL, ER Diagrams, Normalization, Stored Procedures
DevOps & Cloud: Git, GitHub, Azure, Google Cloud, CI/CD Concepts
Security & Monitoring: Cybersecurity Basics, Threat Awareness, Systems Auditing
Other: Time Management, Technical Writing, Communication, Leadership, Adaptability

WEBSITES AND SOCIAL LINKS

Github: https://github.com/Willie-Conway

Portfolio Website: https://willie-conway.github.io/Portfolio-Website/

Carrd: https://willieconway.carrd.co/

Tableau Public:
https://public.tableau.com/app/profile/willie.conway2396/vizzes

LinkedIn: https://www.linkedin.com/in/willieconway/

HOBBIES AND INTEREST

Fitness & Discipline

Coding & Data Projects

Tech Podcasts & Reading