WILLIE CONWAY

Data Analyst / Software Engineer

DETAILS

✉ hire.willie.conway@gmail.com

📱 (843) 592 -1746

📍 United States

SKILLS

- Data Analysis
  ● ● ● ● ○
- SQL
  ● ● ● ● ○
- Excel / Google Sheets
  ● ● ● ● ○
- Python
  ● ● ● ● ○
- Software Troubleshooting
  ● ● ● ● ○
- Cybersecurity Awareness
  ● ● ● ● ○
- System Performance Monitoring
  ● ● ● ○ ○
- Version Control (Git)
  ● ● ● ● ○
- Data Visualization (e.g. Tableau, Power BI)
  ● ● ● ● ○
- Basic Web Development (HTML/CSS/JS)
  ● ● ● ● ○
- Attention to Detail
  ● ● ● ● ●
- Time Management
  ● ● ● ● ●
- Problem Solving
  ● ● ● ● ●
- Communication
  ● ● ● ● ●
- Adaptability
  ● ● ● ● ●

SUMMARY

Versatile professional with hands-on experience in data-driven operations, IT systems support, and team leadership across retail, military, and tech environments. Proven ability to analyze processes, streamline systems, and implement technology solutions that drive efficiency and performance. Skilled in data analysis, troubleshooting, cross-functional collaboration, and training. Currently expanding expertise in Python, SQL, and software development to transition into a Data Analyst / Software Engineer role.

EXPERIENCE

Jun 2012 — Current

Store Worker

Defense Commissary Agency, Beaufort, SC

- 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.

Jun 2018 — Jul 2018

Criminal Justice IT Specialist (Intern)

Beaufort County Detention Center, Beaufort, SC

- 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.

Apr 2008 — Apr 2012

Assault Amphibious Vehicle Crewman (AAV)

U.S. Marine Corps, Camp Lejeune, NC

- 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.

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

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

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

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

EDUCATION

2015 — 2020

Bachelor of Science in Computer Science and Information Science

Park University, Parkville, MO

- Achieved a GPA of 3.5/4.0

2013 — 2018

Bachelor of Science in Criminal Justice Administration

Park University, Parkville, MO

- Achieved a GPA of 3.4/4.0

CERTIFICATIONS AND LICENSES

Credly Badge Portfolio

HOBBIES AND INTEREST

- Fitness & Discipline
- Coding & Data Projects
- Tech Podcasts & Reading

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.