WILLIE CONWAY

Aspiring Data Analyst & Software Engineer | USMC Veteran | Certified by IBM, Google, Meta, Microsoft

📞 (843) 592-1746

✉️ hire.willie.conway@gmail.com

🏠 Beaufort, SC, 29906

in [LinkedIn Profile](#)

CORE COMPETENCIES

- Data Analysis & Visualization
- SQL & Relational Databases
- Python Programming
- Cloud Concepts (Azure, GCP)
- Git & Version Control
- Tableau / Power BI Dashboards
- Basic Front-End Development
- Cybersecurity Awareness
- Agile Methodologies
- Technical Communication
- Military Leadership & Team Training

TECHNICAL SKILLS

- **Languages & Tools:** Python, SQL, JavaScript, HTML, CSS, Git, GitHub
- **Libraries & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, React
- **Database Systems:** MySQL, ER Modeling, Normalization, Stored Procedures
- **Visualization Platforms:** Power BI, Tableau,
- **Platforms & Concepts:** CI/CD, System Monitoring, Cybersecurity Fundamentals
- **Certifications:** IBM Data Analyst, Google Data Analytics, Microsoft Azure Fundamentals, Meta Front-End Developer (via Coursera)

RELEVANT TRAININGS

- IBM Data Analyst Certificate
- Google Data Analytics Certificate
- Meta Front-End Developer Certificate
- Microsoft Azure Fundamentals (AZ-900)
- Salesforce Trailhead Badges (CRM & App Dev)
- GitHub Actions & CI/CD Fundamentals

PROFESSIONAL PROFILE

Analytical, motivated, and mission-driven U.S. Marine Corps veteran transitioning into tech with verified credentials from IBM, Google, Microsoft, Salesforce, and Meta. Hands-on experience in data analytics, full-stack software development, and systems optimization, backed by 70+ projects. Adept at SQL, Python, data visualization, and cloud platforms, with a strong foundation in problem-solving, version control, and Agile workflows. Committed to continuous learning and delivering scalable solutions that make a measurable impact.

EDUCATION HISTORY

Bachelor of Science, Computer Science and Information Science
PARK UNIVERSITY, Parkville, MO
2015 - 2020
Achieved a GPA of 3.5/4.0

Bachelor of Science, Criminal Justice Administration
PARK UNIVERSITY, Parkville, MO
2013 - 2018
Achieved a GPA of 3.4/4.0

WORK EXPERIENCE & KEY ACHIEVEMENTS

Freelance Data Analyst / Software Engineer   Jan. 2021 - Present
Remote, Beaufort, SC
- Delivered over 70 end-to-end projects by designing and deploying full-stack and data-driven solutions using Python, React, SQL, and TensorFlow.
- Drove scalable development of predictive models, automation workflows, and interactive dashboards to solve real-world data problems.
- Achieved continuous professional growth by completing over 230 certifications across data analytics, DevOps, cloud computing, and software development.
- Produced clean, maintainable code and version-controlled collaboration using Git and GitHub while following Agile and CI/CD principles.

Criminal Justice IT Specialist (Intern)   Jun. 2018 - Jul. 2018
Beaufort County DetentionCenter, Beaufort, SC
- Improved system efficiency by 30% via the development and implementation of streamlined IT solutions and optimized data management workflows.
- Boosted system uptime by 20% by collaborating with law enforcement personnel to integrate modern tech tools and analyze performance bottlenecks.
- Enhanced team proficiency and compliance by delivering hands-on training and supporting software upgrades aligned with regulatory standards.

Store Worker   Jun. 2012 - Present
Defense Commissary Agency, Beaufort, SC
- Mitigated stock discrepancies by 30% by analyzing POS and inventory data to improve inventory accuracy and reduce loss.
- Increased transaction speed by 50% and foot traffic by 15% through strategic optimization of store layout and operational workflows.
- Raised seasonal sales by 40% by collaborating with cross-functional teams to execute targeted promotions and merchandising strategies.

SOCIAL LINKS

- [Github](#)
- [Portfolio Website](#)
- [Carrd](#)
- [Tableau Public](#)

PERSONAL SKILLS

- Effective Listening
- Decision Making
- Emotional Intelligence
- Teamwork
- Adaptability
- Flexibility
- Overcoming Objections
- Creativity
- Analytical
- Multitasking
- Interpersonal Skills
- Organization
- Strategic Thinking

EXPERIENCE Continues

Assault Amphibious Vehicle Crewcheif (AAV)   Apr. 2008 - Apr. 2012
U.S. Marine Corps, Camp Lejeune, NC
- Elevated mission readiness and vehicle reliability by maintaining and troubleshooting advanced mechanical and electronic systems under high-pressure conditions.
- Scaled team performance and technical capabilities by leading and training cross-functional units in AAV operations, safety procedures, and mission-critical protocols.
- Gained strategic advantages in fast-changing environments by employing advanced navigation and reconnaissance tools to deliver timely intelligence and ensure operational success.

RELEVANT PROJECTS

Global Superstore: Data Modeling & Analysis
Personal Project – Beaufort, SC | Sept. 2024
- Optimized database performance by restructuring and normalizing a relational schema in MySQL, reducing redundancy and improving query efficiency.
- Streamlined data architecture by designing an ER diagram that enhanced data integrity and scalability for analytical workflows.
- Enabled real-time business insights by building interactive Tableau dashboards that visualized key sales trends by region, segment, and product category.

Little Lemon Database Project
Personal Project – Beaufort, SC | Sept. 2024
- Contributed to efficient data management by designing and implementing a logical MySQL data model using Forward Engineering techniques.
- Simplified customer operations by writing advanced SQL queries, including JOINs, subqueries, and stored procedures to automate booking and order workflows.

Facebook Ad Conversions Analysis
Personal Project – Beaufort, SC | Oct. 2024
- Strengthened campaign performance insights through linear regression analysis in Python to evaluate the correlation between ad clicks and conversion rates.
- Visualized key metrics and model accuracy using Matplotlib, and identified distribution issues through the Shapiro-Wilk test to improve data reliability.

Sales Dashboard & Insights (Retail Experience Project)
Retail Role-Based Project | 2023
- Facilitated data-driven decision-making by leveraging Tableau to design interactive dashboards visualizing key retail metrics and customer trends.
- Realized improved inventory and promotion planning by transforming raw sales data into actionable insights for business stakeholders.