




# WILLIE CONWAY

Data Analyst / Software Engineer

## DETAILS

-  hire.willie.conway@gmail.com
-  (843) 592 -1746
-  Beaufort, SC, United States, 29906

## 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 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.

## 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 Crewchief (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.

## SOCIAL LINKS

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

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

Website: [conway.github.io/Portfolio-Website/](https://willie-conway.github.io/Portfolio-Website/)

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

Tableau <https://public.tableau.com/app/public/willie.conway2396/vizzes>

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

## EDUCATION

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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

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

- Google Data Analytics Professional Certificate
- Microsoft Azure Security Engineer Associate (AZ-500) Professional Certificate
- IBM Data Analyst Professional Certificate
- IBM Full Stack Software Developer Professional Certificate
- IBM Data Science Professional Certificate
- Google Cloud Data Analytics Certificate
- IBM Cybersecurity Analyst Professional Certificate
- Meta Generalist Software Engineer Certificate
- IBM DevOps and Software Engineering Professional Certificate
- IBM Applied DevOps Engineering Professional Certificate

View full portfolio: [Credly Certification Profile](#)

## HOBBIES AND INTEREST

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

## PROJECTS

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### 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.