

## **SAMUEL C. FAIRLEY**

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## **SUMMARY**

Data Science professional and U.S. Army veteran eager for a role that offers growth and development opportunities. Possesses a strong academic foundation in Python, statistics, data visualization, data mining, and predictive analytics. Combines analytical training with practical experience in sentiment analysis, data-driven recommendations, and project work involving tools like NLTK and Pandas. Brings a unique background that includes managerial experience and military discipline, demonstrating a proven ability to learn quickly, adapt to new challenges, and contribute to team success. Actively seeking to apply analytical skills and a mission-driven approach to drive decision-making and contribute to a data-focused organization.

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## **TECHNICAL SKILLS**

**Languages:** Python, SQL, R

**Libraries/Tools:** Pandas, NLTK, Matplotlib, Tableau, Excel

**Core Skills:** Data Cleaning, Sentiment Analysis, Dashboarding, Predictive Analytics, EDA

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## **EDUCATION**

### **Bachelor of Science, Data Science**

University of North Carolina at Charlotte — Charlotte, NC

June 2021 - May 2025

#### **Relevant Coursework:**

- Data Mining, Predictive Analytics, Applied Multivariate Analysis
  - Database Design & Implementation, Data Structures & Algorithms
  - Matrices & Linear Algebra, Intro to Statistics I & II
  - Logic & Algorithms, Discrete Structures, Modeling & Society
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## **PROJECTS**

### **Sentiment Analysis of Charlotte Park Reviews — UNC Charlotte**

Jan 2025 – Present

- Analyzed 2,100+ Google Maps reviews from 12 area parks to uncover trends in public

perception - Used Python (NLTK, Pandas), Excel, and Matplotlib to extract sentiment trends around safety, cleanliness, and amenities - Produced data-driven recommendations aimed at increasing park engagement post-COVID - Supported broader health and community engagement initiatives through actionable insights

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## EXPERIENCE

### **Modern Nissan of Lake Norman** — Cornelius, NC

*Parts Consultant / Wholesale Sales Lead*

April 2017 – May 2021

- Acted as a primary contact for parts, supporting in-house technicians with fast and accurate delivery while also guiding retail sales and fostering strong relationships with regional automotive shops - Managed inventory control and ordering to optimize stock and reduce waste, contributing to sales trend identification and streamlined warehouse operations for better efficiency

### **U.S. Army** — Ft. Huachuca, Sierra Vista, AZ

*Communications Specialist*

June 2008 – October 2012

- Developed technical, leadership, and problem-solving skills by installing, maintaining, and troubleshooting tactical communication systems in high-pressure environments - Supervised and trained team members in secure communications protocols

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## ADDITIONAL SKILLS & AWARDS

**Languages:** Italian (basic proficiency)

**Certifications:** Professional Design Engineer (PDE) License, Project Management Tech (PMT)

**Awards & Activities:**

- Most Innovative Employer of the Year (2011)
- Onboarding Project Lead (2023)
- Army Arcom Award(2010)