

Quintin Covington, MSc

14065 SE 209th Ter
Umatilla, FL 32784

352-667-9538 (Mobile)
Quintin.Covington@gmail.com

PROFESSIONAL PROFILE

Results-driven Data Scientist / Data Analyst offering recent MS degree in Data Science and advanced technical skills in programming, big data analytics, cloud technology, and AI, offering expertise as follows:

- **Highly astute in collecting, processing and performing statistical analysis on large datasets** to impact decision-making, suggest conclusions, and provide relevant information using latest technology
- **Collaborate effectively in team environments with leadership abilities as well as excelling** as independent contributor; insightful in understanding how technology solutions drive business growth
- **Articulate communicator with ability to break down technical information into lay terms;** innovative and resourceful in problem solving; excellent follow through on keeping projects on track; self-motivated

PERSONAL STRENGTHS: analytical; approachable; detail-oriented; disciplined work ethic; excellent writing skills; flexible; high level of integrity; innovative thinker; mathematical aptitude; open to relocation; quick learner; reliable

TECHNOLOGY

LANGUAGES: SQL; Python; R; JavaScript; HTML; NLTK

PROGRAMMING: RStudio; Google Analytics; Tableau; AWS; Python; Pandas; Scikit Learn; Spyder Deep Learning Frameworks (Keras, TensorFlow); Google Colab; Jupyter Notebook

DATABASE MANAGEMENT: Excel (Power Query, Power Pivot, Solver); MSSQL Server; Access; Adminer

CLOUD TECHNOLOGY: Azure; Cloud Management; Virtual Machine (VM)

DATA SCIENCE: Power BI; Machine Learning; Big Data Analytics; Text Mining; Natural Language Processing (NLP); Sentiment Analysis; Tokenization; Part-of-Speech Tagging, Syntax Parsing; Text Classification; Transfer Learning; Reinforcement Learning; Embedding Techniques

CERTIFICATIONS: SQL; Python; JavaScript; HTML – Independently through Mimo

EDUCATION

MASTER OF SCIENCE DEGREE – Applied Data Science / GPA 3.78

SYRACUSE UNIVERSITY, SYRACUSE, NY

12/2024

Coursework (34 credit hours): Introduction to Data Science; Deep Learning and Practice; Natural Language Processing; Text Mining; Big Data Analytics; Cloud Management; Database Management; Applied Machine Learning; Scripting for Data Analysis; Quantitative Reasoning for Data Analysis; Business Analytics

BACHELOR OF SCIENCE DEGREE – Cell and Molecular Biology / Pre-Med Track

UNIVERSITY OF SOUTH FLORIDA, TAMPA, FL

6/2018

- Attended medical school at St. George's University; St. George, Grenada (2018-2021)

DATA SCIENCE PROJECTS

Course-mandated projects were planned/organized by students working in teams of 3-4 and completed in designated timeframe with final presentation given as part of grading structure. Teams were different for each project with communication/collaboration conducted via TEAMS and Zoom sessions. Took leadership role in generating the programming aspects of each project.

SQL Database: “Food Accessibility and Obesity Analysis”

- Utilized advanced SQL skills, including normalization (3NF), data integrity triggers, and scalability to generate insights linking food accessibility and obesity rates for public health initiatives, focusing on rural populations. Integrated datasets from USDA and CDC into a structured relational database.
- Executed normalization processes, authored a complete up-down script, compiled an Entity-Relationship Diagram (ERD), and established logical and conceptual models. Imported data seamlessly into MS Azure, offering a mock sample input/output to showcase the envisioned end-state of the system.
- Created static and interactive visualizations (e.g. maps, bar charts) and utilized SQL expertise for data queries, metrics calculation, and function design. Delivered structured reports with actionable recommendations to stakeholders.

Continues⇒

DATA SCIENCE PROJECTS (Continued)

R-Data Analysis: “Customer Shopping Preferences Analysis”

- Utilized a 10,000-value dataset from Kaggle for a nationwide shopping center to conduct comprehensive trend analysis using RStudio to present business recommendations to enhance profitability, improve functionality, refine target marketing, and achieve organizational goals.
- Created visualizations using ggplot2 (e.g. heatmaps, bar charts and pie charts) and descriptive statistics, generating all R code independently. Analyzed shopping data by age, payments, seasonality, gender, shipping methods, and customer reviews.

Cloud Management: “Implementing MS Azure Cloud Solution to Address Inventory Management”

- Designed a detailed mock business proposal tailored to small rural hospitals, highlighting the potential benefits of implementing Azure-based inventory management systems, addressing challenges such as stockouts, overstocking, and supply expiration in alignment with healthcare data regulations/compliance.
- Gained knowledge of IoT integration, real-time data processing, predictive analytics using LM models for forecasting inventory needs based on historical data trends, and secure storage. Conducted a mock cost-benefit analysis, including projected savings, break-even analysis, and scalability potential for small hospitals.
- Created mock Power BI dashboards to simulate insights and enhance proposal presentations as well as a simulated system integration with existing hospital workflows,

Machine Learning: “Dog Breed Classification and Lifestyle Compatibility Analysis”

- Team Lead for project classifying dog breeds based on temperament, size, energy level, and maintenance needs to provide a viable resource for pet adoption agencies, breeders, and potential pet owners.
- Utilized a comprehensive dataset from Kaggle and performed extensive data cleaning and exploratory analysis. Employed machine learning algorithms to categorize breeds into optimal groups for different lifestyles, enhancing the compatibility between potential dog owners and their pets.
- Applied clustering (K-Means) and classification (Decision Trees) to categorize dog breeds. Leveraged R for feature normalization, custom function development, and predictive modeling.
- Created advanced visuals (e.g., cluster heatmaps, decision trees) to support findings.

WORK EXPERIENCE

AI TRAINER (Contract)

OUTLIER AI (Remote)

10/2024 TO PRESENT

- Work independently on assigned projects to test and evaluate training and facilitate improvement of AI systems by creating and answering domain-specific questions. Evaluate AI-generated responses for accuracy and relevance, leveraging expertise to enhance the factuality and functionality of AI models. This role involves critical analysis and iterative feedback to optimize machine learning outcomes.

OWNER / OPERATOR

THE FAMILY PET SITTER, TAMPA, FL

2018 TO 2024

- Founder of company that provided pet hospitality services off site and in clients' homes, along with transportation for grooming and veterinary appointments. Managed business operations, accounting, client relations, and marketing initiatives.

PRO SHOP MANAGER

TERRACE HILL GOLF CLUB, TAMPA, FL

2015 TO 2018

- Managed daily operations of the pro shop, including opening and closing, customer relations, cash drawer balancing, merchandising, sales transactions, and recordkeeping in QuickBooks. Worked while taking a full courseload in college.

INTERESTS

Intellectual curiosity about the evolving aspects of data science and AI and their role in the business arena. Enjoy golfing (played one year at collegiate level), fishing, hiking, snowboarding, team competitive sports.

Excellent References Readily Available Upon Request.

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ATTENTION: HUMAN RESOURCES

Enclosed is my résumé outlining my qualifications for your review, in consideration for an exciting opportunity as a Data Scientist, Data Analyst or related role in your organization.

As reflected, I recently earned a Master of Science degree in Data Science and have extensive training in the latest software and methodologies. I am eager to find a position that enables me to capitalize on my academic training and career aspirations while making meaningful contribution to corporate goals. I have a strong intellectual curiosity about the evolving aspects of data science and AI and their application in the business arena.

Areas of particular strength include:

- **Advanced technical skills in programming, big data analytics, cloud technology, and AI**
- **Certifications in SQL, Python, JavaScript, and HTML earned independently through Mimo**
- **Results-driven, highly resourceful in problem solving to get the best results possible**
- **Astute in collecting, processing, and performing statistical analysis on large datasets**
- **Disciplined work ethic with ability to collaborate both as team player and independent contributor**
- **Insightful in understanding how data science can positively impact decision-making**

Currently I am seeking a career position within a dynamic organization and am open to relocation if the opportunity presents itself. I am a quick learner who adjusts to changing priorities without losing track of the end goals. I believe that my professional skills, personal integrity, and commitment to excellence will be a valuable addition to your organization.

I would appreciate the opportunity to present myself to you personally to discuss your needs. To arrange for a personal interview, please feel free to contact me at **352-667-9538** or email.

Thank you very much and I look forward to speaking with you at your earliest convenience.

Respectfully,

Quintin Covington
Enclosure: Résumé