**Professional Summary**

Highly motivated tech-savvy and enthusiastic young professional with exceptional team leadership, sales, and customer service skills. Encouraging the development of cross-departmental collaboration to achieve goals and objectives. Self-taught in six programming languages and continuing to develop new programming skills. Processes multi-cultural understanding to help influence more interactions and diversity in every environment.

**Skills**

* Ranking in the top .5% out of 1.92+ million people on TryHackMe.com
* 3 years of Cyber Security Competition Experience
* 8+ years of Data Science in Finance
* Laboratory Skills – Chromatography, Spectrometry, Synthesis, Titration
* 7+ years of AI and ML Experience
* Top Secret Clearance
* Certified Bartender & Barista
* Fluent in VBA, Python, HTML, SQL, CSS, Dart, Bash, PowerShell, C++, MQL5, C#
* 7+ years of designing, testing, & implementing algorithmic trading solutions

**Work Experience**

**Program Manager (SETA)** August 2023 – Present  
S2 Analytics at NGA 40 Hours per Week Arnold, MO

* Managing multiple data centric programs for NGA.
* Architecting databases and data solutions for NGA.
* Implementing data automation with material for support multiple offices of NGA.

**Financial Software Engineer** December 2016 – Present  
Freelance 20 hours per week Remote

* Designing and implementing trading strategies into algorithmic systems.
* Using machine learning and deep learning for financial market prediction.
* Engineering financial algorithms in the meta trader platform using C++ and MQL5.
* Developing unsupervised machine learning models for portfolio optimization.
* Using python and R to develop statistical modeling for clients.
* Engineering data pipelines and APIs for FOREX data information.

**Data Scientist** August 2022- August 2023  
Charter Spectrum 40 hours per week Maryland Heights, MO

* Using data engineering skills to pull API information using Splunk and Oracle SQL.
* Using PyTorch and Keras to build deep learning algorithms to solve non-linear problems with multiple dimensions.
* Predicting call drivers and reasons for calls for better customer experience.
* Statistically analyzing large datasets with on-going api changes, including AI predictions.
* Developing machine learning algorithms to optimize customer operations.
* Providing presentations to senior level leadership with Tablaeu and Splunk.

**Data Scientist** April 2020 – August 2022  
UnComn 40 hours per week Scott Air Force Base, IL

* Actively updating and designing systems to track and store thousands of data points, while keeping records of inventory for transportation databases.
* Working with a team of data engineers to solve and explore problems in other data quality systems.
* Implementing & developing cyber prediction models to optimize firewall abilities.
* Designing and making changes to data architecture environments.
* Building machine learning and AI algorithms for predictions and sentiment analysis.
* Developing automation through python machine learning models and VBA scripting.
* Using AWS as a cloud solution for deploying models for engineer and AI enhancement.

**Chief Technology Officer** August 2019 – Present  
Gili Heating & Cooling 10 hours per week Troy, IL

* Designing and configuring social media pages for optimal business traffic, while providing data analysis for smaller targeting groups.
* Architecting and installing company networking infrastructure, while implementing security procedures.
* Managing multiple information technology systems while providing technical support throughout company specialists.
* Giving weekly data analytics to show company performance in business traffic along with other technological aspects in business improvement.
* Maintaining technological systems for security and optimal business performance.

**System Engineer** May 2019 – March 2020  
Trident Technologies 40 hours per week Scott Airforce Base, IL

* Actively updated and designed systems to track and store thousands of data points and kept records of inventory for transportation databases.
* Worked with a team of data engineers to solve and explore problems in other data quality systems.
* Attended weekly collaborations to help in the improvement of Data Quality issues and systems provided.
* Designed and made changes to data architecture environments.

**Bell Service & Disney Magical Express Specialist** August 2018 – December 2018   
Walt Disney World 52 hours per week Orlando, FL

* Used multiple forms of communication to converse and solve hotel guest issues and operated high-level company equipment.
* Experienced large amounts of quick-thinking scenarios and provided excellent service to other departments.
* Managed a large database for thousands of guests coming and leaving through short durations of time.
* Discovered new ways for optimal movement for hotel employees for faster delivery of guest property.
* Provided multi-tasking capability to solve multiple guest issues, while providing proper movement of fragile materials.
* Met demanding physical standards to operate at an optimal level in the transportation of guest materials.

**Customer Sales Agent** May 2018 – September 2019  
Geek Squad 25 hours per week Fairview Heights, IL

* Provided solutions to high-stress situations involving client equipment and other sensitive client information.
* Maintained a large confidential database of detailed customer information for purchase history and specific client issues.
* Used quick and accurate thinking to solve electrical and computer hardware issues, while providing proper information to the client.
* Employed knowledge of customer behavior to engage with clients and provide high-level information in a low-level form.
* Discovered new ways of interacting with clients, while also implementing dynamically changing technological environments.

**Customer Sales Associate** Apr 2016 - Jan 2018  
Men's Wearhouse 35 hours per week Fairview Heights, IL

* Partnered with employees and managers to plan, develop, and implement unique strategies to increase sales.
* Employed knowledge of different customer situations to engage in appropriate recommendations for clients.
* Maintained a multi-layered database of detailed customer information for purchase history and event planning.
* Implemented a communication plan to ensure customer satisfaction and develop loyalty throughout the shopping experience.
* Provided specific input and designed ideas for multiple kinds of wedding celebrations situations.

**Personal Caregiver** Aug 2015 - Jan 2017  
Cedarhurst of Edwardsville 36 hours per week Edwardsville, IL

* Employed knowledge of the human body to make appropriate medical decisions for patients.
* Handled high-stress situations and human lives to ensure healthy patients.
* Implemented quick thinking and strong decision-making to ensure the safety and care of the patients.
* Maintained accurate records of patient care, condition, progress, and concerns.
* Cooked appetizing and satisfying meals and snacks.

**Education**

**Micro Masters in Statistics** & **Data Science** May 2023 – May 2024  
Massachusetts Institute of Technology Remote

**Certificate in Applied Data Science & Statistics** January 2023 – April 2023  
Massachusetts Institute of Technology Remote

* Proactively completed over 30 case studies with in-depth analysis and advanced data science techniques.
* Designing and implementing large scale machine learning and deep learning algorithms to solve real world problems.
* Created and presented large scale capstone project to MIT peers and staff. This research was based on optimization of predicting regression-based price models.

**Bachelor of Science in Chemistry** August 2016 - May 2020  
McKendree University Lebanon, IL

* Used computation machine learning and the development of multi-dimensional algorithms for structure architecture.
* Researched explosive material for optimal performance and theoretical stability.
* Developed chemical structures for biochemical processes including exothermic explosive bonding.
* Studied quantum mechanics to better produce models of prediction capabilities associated with atomic interactions.

**Minor in Mathematics** August 2016 - May 2020  
 McKendree University Lebanon, IL

**Minor of Business Administration**  August 2016 - May 2020  
 McKendree University Lebanon, IL

**Certifications**

**CompTIA Certified**: Security+

**Offensive Security Certified**: Awaiting to take OSCP

**References Furnished Upon Request**