

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)

S2 Analytics at NGA 40 Hours per Week

August 2023 – Present

Arnold, MO

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

Financial Software Engineer

Freelance 20 hours per week

December 2016 – Present

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

Charter Spectrum 40 hours per week

August 2022- August 2023

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.

KYLE J. HOSTETTER

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- 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

UnComn 40 hours per week

April 2020 – August 2022

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

Gili Heating & Cooling 10 hours per week

August 2019 – Present

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

Trident Technologies 40 hours per week

May 2019 – March 2020

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

Walt Disney World 52 hours per week

August 2018 – December 2018

Orlando, FL

- Used multiple forms of communication to converse and solve hotel guest issues and operated high-level company equipment.

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- 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

Geek Squad 25 hours per week

May 2018 – September 2019

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

Men's Wearhouse 35 hours per week

Apr 2016 - Jan 2018

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

Cedarhurst of Edwardsville 36 hours per week

Aug 2015 - Jan 2017

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.

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- Cooked appetizing and satisfying meals and snacks.

Education

Micro Masters in Statistics & Data Science

Massachusetts Institute of Technology

May 2023 – May 2024

Remote

Certificate in Applied Data Science & Statistics

Massachusetts Institute of Technology

January 2023 – April 2023

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 the optimization of predicting regression-based price models.

Bachelor of Science in Chemistry

McKendree University

August 2016 - May 2020

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

McKendree University

August 2016 - May 2020

Lebanon, IL

Minor of Business Administration

McKendree University

August 2016 - May 2020

Lebanon, IL

Certifications

CompTIA Certified: Security+

Offensive Security Certified: Awaiting to take OSCP

References Furnished Upon Request