Myra Rust

Graduate Level Data Scientist

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Portfolio https://myrarust.github.io/Myra-Rust/

Driven Data Scientist ready to accept increasingly complex challenges associated with working with vast data sets to break down information, gather relevant points, exploit growing data stores, and solve advanced business problems. Ready to immediately contribute beneficial input to employers.

Skills

Data Science, Statistical Data Analysis, Exploratory Data Analysis (EDA), Data Wrangling, Data Mining, Machine Learning (ML), Artificial Intelligence (AI), Predictive Modeling, Data Visualization, Natural Language Processing (NLP), Software Testing, User Acceptance Testing, Software Quality Assurance, Requirement Gathering and Traceability.

Education

2019-08 - 2021-11	**Master of Science: Data Science** *Bellevue University - Bellevue, NE*
2008-03 - 2009-11	**Bachelor of Science: Investigations** *Bellevue University - Bellevue, NE*
2000-05 - 2007-3	**Associate of Arts: Arabic** *Defense Language Institute - Monterey, CA*

Technologies

Data Science Libraries: Pandas, NumPy, Scikit-Learn, Keras, TensorFlow, NLTK, Matplotlib, GGPlot2
Data Science Models/Algorithms: linear/logistic regression, decision tree, random forest, boosting, neural networks, etc.
Big Data: PySpark, Avro, Parquet, Kafka, SQL
Programming: Python, R, SQL
OS: Windows, Unix/Linux
Platforms: Tableau, Github, Juypter Notebooks, Jira, Microsoft Office
Systems Engineering: SDLC, CI/CD, CRISP-DM, Agile and Waterfall Methodologies

Work History

2014-08 - 2015-12

Software Quality Assurance Analyst

Arapahoe County Co, Littleton, CO

- Wrote and optimized test cases to maximize success of manual software testing with consistent, thorough approaches.
- Spear-headed QA for in-house development project, created application that received statewide recognition and is now used by 17+ counties.
- Identified and tracked defects with software and supported developers in resolving problems by completing additional tests.
- Wrote, edited and updated project manuals and technical documentation used for product deployment.
- Oversaw User Acceptance Testing (UAT) and onsite deployment of product.

2011-08 - 2014-07

Systems Integration & Test Engineer

Lockheed Martin IS & GS, Littleton, CO

- Composed Test Plans and Test Procedures, in accordance with scheduled milestones. Established 100% requirement to test case traceability.
- Comprehensively tested the system throughout development life cycle. Conducted build smoke testing, Development Integration Testing (DIT), Systems Integration Testing (SIT), Regression testing, Confidence testing, Factory Acceptance Testing (FAT), and Site Acceptance Testing (SAT).
- Identified and documented discrepancies, defects, and enhancements needed to the system.
- Attended Anomaly Review Boards (ARB) and Configuration Control Boards (CCB) to follow Change Reports through the Change Request process.
- Authored Computer Based Training (CBT), software help files, and the Operator's Positional Handbook (OPH).

2000-05 - 2007-12

Airborne Cryptologic Language Analyst

United States Air Force, Bellevue, NE

- Conducted preliminary traffic analysis and reporting of time-sensitive information.
- Operated computer and radio equipment to perform aircrew and ground processing duties to include searching, monitoring, and recording selected signals for processing and analysis.
- Performed quality control, feedback, and trend analysis on various types or reports issued from in-garrison and deployed reporting teams.
- Coordinated with higher level agencies on new and changing developments to procedures.
- Developed and maintained comprehensive training program.