

Taylor Monticelli

MD - Mandrel LLC

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WORK EXPERIENCE

MD

Mandrel LLC - September 2014 to Present

Data Analyst / Consultant

- Developed R script to create decision trees, cluster analysis, discriminant function analysis, etc.
- Cultivated databases from independent research
- Incorporated pivot-tables, powerview, and data models to display/manipulate useful information

MD

Morgan Stanley - February 2015 to June 2015

Analyst: NA Cash Settlements Control Team

- In depth knowledge with the HERA process, ensuring daily foreign currency exposure is exchanged into USD to properly illustrate liquidity according to FDIC law.
- Created macros, functions, vba to further automate reports/ data analysis for risk assessment.
- Skilled in advanced reconciliation/trade systems. (SAFE, Pari, C1, Stix, Magnet, STS etc.
- Exceptional time management skills consistently exceeding deadlines for multiple daily/weekly/monthly reports and other various roles.
- Developed/refined daily tracking reports to efficiently monitor firm foreign currency exposure.

Data Analyst

CSA - Mechanicsburg, PA - December 2014 to February 2015

Assist Senior Consultant on assigned federal contracts

- Created a new projection platform to increase accuracy in trend charts.
- Automated contracts with advanced Excel skills such as VLOOKUP, if, index, macros, vba

EDUCATION

Bachelor of Science in Computational Science

The Richard Stockton University of New Jersey
2013

Master of Science in Computational Science

The Richard Stockton University of New Jersey

ADDITIONAL INFORMATION

CORE COMPETENCIES

- 🔗 Programming Languages: C, FORTRAN, MATLAB, Maple, R, C++, SQL
- 🔗 Operating Systems: Mac OS X, Microsoft Windows, Linux (Ubuntu)
- 🔗 Numerical Analysis Methods such as black-scholes method, monte-carlo, and binomial trees

9 Microsoft Office Suite (Word, Excel, PowerPoint, Outlook)