

Mark A. Moretto, MS

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<https://markmoretto.com>

Summary

- Python Software Foundation - Contributing Member
- Microsoft MTA Certification
- IIBA Member
- Wrote, validated, deployed, and maintained predictive and forecasting models for large data sets
- Deep knowledge of statistical methodology
- Database development, deployment, and maintenance
- Project management experience

Professional Experience

Henry Ford Health System Detroit, Michigan

Sr Performance Measurement Analyst 06/2017 – Present

- Developed and deployed full-stack solution to improve accuracy and effectiveness of organizational patient outreach program
- Served as ML/AI SME for Population Health group
- Developed key data pipelines from large, unstructured data sources
- Regular usage of core statistical methodologies, such as hypothesis testing, gradient boosting (decision trees), Bayesian inference, regression methods (linear/logistic), hyperparameter optimization
- Participated in various Analytics initiatives including version control (Git) evaluation and deployment, and patient risk-score accuracy modeling
- Performed regular communication with stakeholders and supervisors around project progress
- Created and implemented ETL processes for handling disparate data

StreetInsider.com Birmingham, Michigan

Reporting Analyst 10/2009 – 03/2017


- Researched and reported on economic and public company events
- Wrote and edited monthly financial metrics newsletter separate from main site
- Analysis work included usage and implementation of various financial ratios (P/E, ROI, etc.) and time-series methods
- Communicated with financial and market analysts nationwide when creating reports to ensure accuracy
- Assisted in general site development, such as back-end functionality and user experience improvement
- Regular usage of Bloomberg terminal and related functions

Formal Education

| Institution | Degree | Major | Minor |
|-----------------------------------|--------|-------------------------|-------------------------|
| University of Nebraska - Lincoln | MBA | Business Administration | Supply Chain Management |
| University of Michigan - Dearborn | MS | Business Analytics | Financial Analytics |
| Walsh College | BBA | Finance | |

Certifications

| <u>Issuer</u> | <u>Type</u> | <u>Name</u> | <u>ID</u> | <u>Year</u> |
|---------------|-------------|--|-----------|-------------|
| Microsoft | MTA | Introduction to Programming Using Python | H363-3884 | 2020 |



Continuing Education

| <u>Issuer</u> | <u>Platform</u> | <u>Name</u> | <u>Link</u> | <u>Year</u> |
|----------------|-----------------|---|-------------------------|-------------|
| IBM | Coursera | Fundamentals of Scalable Data Science | Website | 2020 |
| IBM | Coursera | Adv. Machine Learning and Signal Processing | Website | 2020 |
| IBM | Coursera | Applied AI with Deep Learning | Website | 2020 |
| Univ. of Mich. | Coursera | Statistics with Python | Website | 2020 |



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Membership Summary

| <u>Organization</u> | <u>Type</u> | <u>URL</u> | <u>Year</u> |
|----------------------------|-------------|---|-------------|
| IIBA | Individual | https://www.iiba.org/ | 2020 |
| Python Software Foundation | Contributor | https://www.python.org/psf/ | 2020 |

Programming, Science, and Technology (PST) Summary

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| <ul style="list-style-type: none"> • Python • Apache Spark (PySpark) • SQL • Data Structures • Linear Algebra • Linear Programming | <ul style="list-style-type: none"> • Statistics • Algorithm Creation • Machine Learning • JavaScript / TypeScript • Web Apps (Django / Flask) • Java / Scala | <ul style="list-style-type: none"> • Data ETL Pipelines • Project Management • CUDA (GPU) Programming • C / C++ • Cloud Platforms (AWS, DevOps) • Data Visualization |
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Professional Social Media Profiles

| <u>Website</u> | <u>URL</u> |
|----------------|---|
| LinkedIn.com | https://www.linkedin.com/in/mark-m-8698369 |
| GitHub.com | https://github.com/MarkMoretto |