

Ambrose McClure

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EXPERIENCE

07/2018 – present

BEATTY-LARSON

Phoenix, AZ

Director of Data Science

- Possess a BS in Computer Science, Mathematics, Statistics, Economics, Engineering (any) or related
- Previous experience delivering analytical solutions within software
- Proficient in tools to analyze data (like SQL and Spark) and develop solutions (like Python
- Experience in complex data visualization and knowledge of predictive modeling tools and techniques
- Proactively providing and sharing key knowledge and skills with others (across Analytics, Digital, Tools and Technologies, Methodologies, Big Data, Research, Problem Solving) Sharing analytical specialism and continually upskilling
- PhD in Machine Learning or related field
- Prior experience leading complex projects
- Fluent in Python and Cloud infrastructure
- Experience with CUDA, Git, Docker, GPU clusters

11/2014 – 05/2018

HEGMANN INC

Phoenix, AZ

Data Science

- Cyber security background – an advantage
- Experience with providing insights for at least 5 business questions using ML or AI methods
- Solid programming skills in Python and SQL
- Experience with MS Azure - advantage
- Great thinker with passion to solve business challenges using analytics methods
- Fluent English – writing, reading and speaking
- Proficiency in languages and tools like SQL, Hive, and Spark
- Experience managing a team of data scientists
- Experience in experiment design and analysis and more generally causal inference
- Experience in algorithm development and prototyping
- Demonstrated strong presentation and storytelling with data skills

EDUCATION

FASHION INSTITUTE OF TECHNOLOGY

Bachelor's in Computer Science

SKILLS

- Experience in TensorFlow/Torch libraries
- Experience using cloud-based SQL & noSQL databases (Redshift, BQ, Athena, Mongo, so on)
- Support development of DS/ML infrastructure that supports Trusted AI including integrating model controls that reduce risk of abnormal model behavior
- Collaborate with Enterprise Risk Management, Corporate Actuarial, and Global Compliance and Ethics on efforts to reduce the risk of data science and machine learning
- Educate data scientists on model development and deployment best practices
- Educate executives and business users on Trusted AI and the proper use of AI
- MSc/PhD in Statistics, Mathematics, Data Science relevant field with experience in pharma/healthcare or other relevant area
- Conceptual, analytical and critical thinking
- Previous experience with RWE/RWD and their application to design clinical trials