Michael Webb Lamoreux

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Objective

Seeking a data driven position that utilizes logical reasoning, data analysis, modeling, and delivery of work to internal or external clients.

Education

Clemson University   **Clemson, SC**
Masters in Mathematical Sciences (Emphasis in Statistics)   May 2016

Statistics Courses: Time Series Analysis, Data Analysis, Statistical Inference, Linear Hypothesis, Stochastic Models, Probability, and Introduction to Statistics using SAS
Masters Project: Estimating Empirical Null Distribution Through Central Matching For Functional Magnetic Resonance Imaging Data

  • Advisor: Dr. Andrew Brown

Baldwin Wallace University   **Berea, OH**
Bachelor of Science, Mathematics   May 2014
Statistics Courses: Theory of Probability and Mathematical Statistics, C++ Programming

Bachelor of Arts, Economics   May 2014

Experience

Quadax   **Cleveland, OH**

Data Scientist SR   April 2021 - Present

- Created machine learning models for healthcare claims denial avoidance management
- Built machine learning pipeline to rapidly retrain and train new models
- Assisted in creating client facing API
- Secured funding for data science platform to expand predictive intelligence department

FICO   **San Diego, CA**

Analytic Scientist 2   October 2017 – April 2021

- Support Falcon client model upgrades
- One-off performance reviews for clients
- Created website for client data quality grades
- Built pipeline to automatically monitor every client's data quality every month
- Data builds for quarterly model upgrades
- Trained autoencoder to determine if a model has degraded over time and needs a retrain

Chmura Economics and Analytics   **Cleveland, OH**

Data Scientist   July 2016 – October 2017

- Built a machine learning job certification text classifier
- Built machine learning logistic regression model to find duplicate job
- Built spiders to download job postings using C#
- Created economic reports for clients using SQL

Clemson University Department of Mathematical Sciences **Clemson, SC**

<u>Instructor</u> August 2015 – December 2015

- Taught three sections of Business Calculus 1 (20 students per section)
- Developed homework, graded homework, and graded exams
- Held office hours

<u>Teaching Assistant</u> August 2014 – August 2015

- Assistant for PreCalculus, College Algebra, and Calculus 1
- Graded homework and exams
- Assisted with in class worksheets
- Held office hours

Computer/Programming Skills

• Experiences with programming in Python, Azure ML, Hadoop, Py-Spark, SQL, Java, R, C#, Linux/Unix, Bash, Django, HTML, Tensorflow, Keras

• Proficient in Microsoft Excel, Word, and PowerPoint

Honors

- Kappa Mu Epsilon mathematics honors society
- Omicron Delta Epsilon economics honors society
- Pi Gamma Mu social sciences honors society

Extracurricular

Member of Commuter Activity Board

- President – Supervised events and led weekly meetings May 2013 – May 2014
- Treasure – Managed $15,000 budget May 2012 – May 2013

Member of Kappa Mu Epsilon

- President May 2013 – May 2014
- Treasure May 2012 – May 2013