

TRISTEN WENTLING

Data Scientist: Applied Machine Learning

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EXPERIENCE

Data Scientist

The Depository Trust & Clearing Corporation

Apr 2018 – present Tampa, FL

- Machine learning specialist and data science professional in Application Development. Currently architecting and building enterprise production ML deployment pipeline, integrating a robust and well equipped enterprise data science platform, and prototyping and developing machine learning solutions including innovative projects using clustering methods and natural language processing to derive insights and provide business value with dashboard integration.

Data Scientist

Nielsen Media Research

Feb. 2017 – Apr 2018 Oldsmar, FL

- Engineering, integration, and validation of big data sources using Apache Spark, Python, Scala, and Spotfire to develop custom local television reporting tools. Building custom machine learning (regression and classification) models for client solutions and internal engineering. Modernization of customer reporting tools converting bash/SAS tools into Apache Spark and Python based tools. Development of custom reporting tools to investigate and solve problems.

Graduate Teaching Assistant

Kansas State University

Jun 2016 – Jan 2017 Manhattan, KS

- Recitation instructor for calculus 1 and tutoring for College Algebra, Calculus 1, 2, and 3, Business Calculus, and Linear Algebra.

Graduate Teaching Assistant

Missouri State University

Aug 2014 – May 2016 Springfield, MO

- Lecture instructor (5 sections) & recitation instructor (2 sections) intermediate college algebra. Lead test development for 2 semesters.

Freelance Python Developer

Upwork

May 2014 – Aug 2014 Springfield, MO

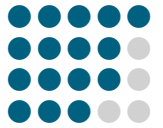
- Back end Python developer with Ersatz Labs, an online deep learning platform, building data pipeline tooling.

PUBLICATIONS

- A Binary Method for Video Classification*. White Paper. Nielsen Media Research, 2018.
- "A Cycle Generating Function on Finite Local Rings"*. Masters. Missouri State University, 2016.
- "Dealing with LARGE Numbers"*. Undergraduate. Missouri State University, 2014.

TECHNOLOGIES

Python
SQL
Spark
Bash



AWS

Linux

Git

Scala

C++

EDUCATION

M.S. Mathematics

Missouri State University

May 2016 3.92 GPA

B.S. Applied Mathematics

Missouri State University

May 2014 3.75 GPA

RELEVANT COURSEWORK

Data Structures & Algorithms

Convex Optimization

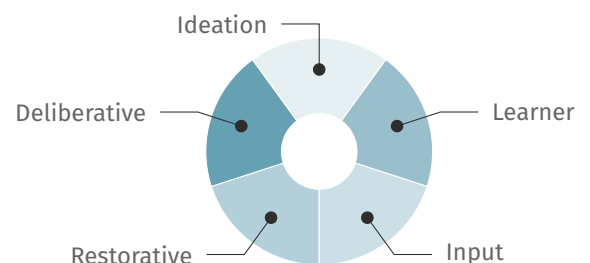
Numerical Analysis

Applied Abstract Algebra

Statistical Theory & Methods

GALLUP STRENGTHS

www.gallupstrengthscenter.com/home/en-us/cliftonstrengths-themes-domains



LIFE PHILOSOPHY

"Knowing is not enough; we must apply. Willing is not enough; we must do." –Goethe