Matthew Echols

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CAREER OBJECTIVE

Detail-oriented Analytics major (4.0 GPA) currently attending University of Chicago. Aiming to leverage proven creative thinking, organizational, and teamwork skills to successfully fill the data scientist role at your company. Seen as adaptable by my peers, I can be relied upon to think outside the box to question any missing assumptions.

EDUCATION

UNIVERSITY OF CHICAGO **Chicago, IL**

Masters of Science Analytics Candidate (Expected graduation Apr 2020)

- **GPA:** 4.0
- **Relevant Course(s):** Linear Algebra and Matrix Analysis, Statistical Analysis, Data Mining, Data Engineering Platforms, Python for Analytics, Big Data Analysis, Machine Learning, Advanced Machine Learning, Leadership, Deep Learning and Image Recognition, Natural Language Processing

THE COLLEGE OF CHARLESTON **Charleston, SC**

Bachelors of Science of Psychology - Developmental (May 2013)

- **GPA:** 3.5

WORK EXPERIENCE

Northwestern University **Chicago, IL**

Clinical Research Coordinator *Oct 2016 – Sep 2018*

- Identify protocol problems, inform investigators of problems, or assist in problem resolution efforts such as protocol revisions.
- Code, evaluate, and interpret collected study data.
- Instruct research staff in scientific and procedural aspects of studies including standards of care, informed consent procedures, or documentation procedures.
- Prepare, manipulate, and manage databases (local and cloud).

College of Charleston **Charleston, SC**

Laboratory Manager *Aug 2012 – Oct 2015*

- Prepare, manipulate, and manage multiple local databases.
- Perform descriptive and multivariate statistical analyses of data.
- Verify and validate all data entered in local database.
- Present research findings to principle investigator/investors.

ADDITIONAL SKILLS

- Python (SciPi, Numpy, scikit-learn, Pandas, matplotlib, keras, tensorflow, seaborn, plotly, etc)
- R (dplyr, ggplot2, etc)
- SQL
- Microsoft Office Suite (Word, PowerPoint, Excel)
- Unsupervised Learning (K-means, DBscan, PCA, T-SNE, Autoencoders, Reinforcement Learning)
- Supervised Learning (Regression, Decision Trees, Gradient Boosting, SVM, LSTM, RNN's)

CREDENTIALS AND LICENSES

- Programming Certification (Northwestern University)