

TREVOR K. LINDSAY

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trevorlindsay.github.io | github.com/trevorlindsay | linkedin.com/in/trevorlindsay | kaggle.com/trevorlindsay

TECHNICAL SKILLS

LANGUAGES: Python, STATA, R, SQL, VBA, Java, Lua

LIBRARIES: Pandas, NumPy, SciPy, H2O, scikit-learn, PyBrain, Theano, TensorFlow, Keras

TECHNIQUES: Neural networks, random forests, support vector machines, clustering, recommender systems, deep learning, logistic regression, ensemble methods, nearest neighbor, gradient boosting machines

PROJECT EXPERIENCE

Digit Recognizer – github.com/trevorlindsay/digit-recognizer

- Built artificial neural network to classify handwritten digits using MNIST data
- Model performs with 97% accuracy, earning a spot in the top third of Kaggle's leaderboard

Predicting Flight Arrival Delays – github.com/trevorlindsay/airline-arrivals

- Challenged to predict whether flights will have a delayed arrival without using information about departure delays
- Trained a random forest that performed with an F1 score of 0.85 (one of the highest scores seen by the host of the challenge)

PROFESSIONAL EXPERIENCE

Startup.ML

Berkeley, CA

Machine Learning Fellow

Apr 2016 - Present

- Researching and applying advanced methods in deep learning to develop finance products for startups
- Youngest fellow ever to go through the program and the only fellow in my cohort without an advanced degree (MS / PhD)

Machine Zone, Inc.

Palo Alto, CA

Live Operations Analyst – Research and Design

Dec 2015 - Present

- Monitor and drive user conversion and monetization for our newest game, Mobile Strike
- Design experiments and interpret results to optimize game economy features
- Conduct exploratory analyses on large datasets (using Python and STATA) to understand player behavior and provide concrete recommendations for actions

SunTrust Robinson Humphrey

San Francisco, CA

Investment Banking Analyst – Technology, Media and Telecommunications Group

Jan 2015 – Dec 2015

- Worked on several deals, including debt financings, sell-side M&A and equity offerings for Internet & Digital Media companies
- Collaborated with senior management of an expansion-stage sport wearables company to create a ground-up revenue build that supported the Company's value proposition and provided a solid foundation for financial projections

Federal Reserve Bank of Atlanta

Atlanta, GA

Economic Research Intern – Research Division

Spring 2014

- Extracted common themes from business interviews to provide the bank's president with grassroots view of economy
- Compiled data from business and government surveys using SAS and STATA

CBRE Hotels

Atlanta, GA

Intern – Hospitality Research Division

Summer 2013

- Increased the accuracy of the firm's forecasting models 5-7 percentage points by accounting for anomalies in the data
- Built a k-means cluster analysis tool using VBA that groups comparable hotels based on location, amenities and price

Georgia Tech School of Economics

Atlanta, GA

Undergraduate Research Assistant to Dr. Erik Johnson

Spring 2013

- Programmed STATA to compile, condense, clean and link large data sets from the Environmental Protection Agency (EPA)
- Drafted literature reviews of current literature on pollution cap-and-trade programs and optimal abatement policies

EDUCATION

Georgia Institute of Technology - Bachelor of Science in Economics, with Honors

December 2014

- Senior Honors Thesis: Merger Enforcement and Innovation
- Cumulative GPA: 3.25 / 4.00 | Major GPA: 3.50 / 4.00
- Graduated in 2½ years; placed on Dean's List for four consecutive semesters

Udacity - Machine Learning Engineer Nanodegree

In-Progress

- Program focuses on applying predictive models to massive data sets in a variety of fields