

TREVOR K. LINDSAY

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

TECHNICAL SKILLS

LANGUAGES: Python, SQL, Java, C++, VBA, STATA
LIBRARIES: Pandas, Numpy, Scipy, scikit-learn, TensorFlow, Keras, NLTK
TECHNIQUES: Deep learning, neural networks, random forests, gradient boosting machines, NLP, computer vision

PROJECT EXPERIENCE

Flappy Bird Bot – github.com/trevorlindsay/flappy-bot

- Trained a bot in Python to play the popular iOS game, Flappy Bird, by using reinforcement learning
- Consistently scores 1000+ points after ~5000 training iterations

Hidden Information in Earnings Conference Calls

- Using word embeddings and LSTM networks to (1) detect scripted answers during Q&A in earnings call transcripts and (2) predict abnormal returns 1 – 3 months in the future

Recurrent Neural Network to Predict Future Stock Movements

- Building a recurrent neural net with a long-short term memory cell (using TensorFlow) to predict future stock movements based on technical indicators

PROFESSIONAL EXPERIENCE

Startup.ML

Machine Learning Fellow

Berkeley, CA

Apr 2016 - Present

- 4-month fellowship conducting research in deep learning and working with start-ups to solve interesting problems in finance
- Youngest fellow in the program's history and one of few without a graduate degree

Machine Zone, Inc.

Data Scientist – Live Operations

Palo Alto, CA

Dec 2015 - Present

- Driving monetization strategy for the newest game; achieving consistent monthly revenue growth in excess of 20%
- Designed experiments around player behavior and interpreted results to optimize game economy features and provide concrete recommendations for actions

SunTrust Robinson Humphrey

Investment Banking Analyst – Technology, Media and Telecommunications

San Francisco, CA

Jan 2015 – Dec 2015

- Supported senior bankers in the execution of public and private capital raises, mergers and acquisitions transactions and strategic advisory assignments with a focus on technology companies

Federal Reserve Bank of Atlanta

Economic Research Intern – Research Division

Atlanta, GA

Spring 2014

- Extracted common themes from interviews with regional business leaders to build a grassroots view of the economy
- Published a post on the bank's SouthPoint blog on innovation and business activity in Atlanta

CBRE Hotels

Intern – Hospitality Research Division

Atlanta, GA

Summer 2013

- Increased the accuracy of the firm's forecasting models 2-3 percentage points by accounting for irregularities in the data
- Built and shipped a cluster analysis tool using VBA that groups comparable hotels based on location, amenities and price

Georgia Tech School of Economics

Undergraduate Research Assistant to Dr. Erik Johnson

Atlanta, GA

Spring 2013

- Programmed STATA to compile, condense, clean and link large data sets from the Environmental Protection Agency (EPA)

EDUCATION

Georgia Institute of Technology

Bachelor of Science in Economics, with Honors

Atlanta, GA

December 2014

- Senior Honors Thesis: Merger Enforcement and Innovation in High-Tech Markets
- Cumulative GPA: 3.25 / 4.00 | Major GPA: 3.50 / 4.00
- Graduated in 2 ½ years; Recipient of the National Achievement Scholarship, Carson Scholarship and Tower Award for Academic Excellence; Placed on the Dean's list for four consecutive semesters