

# TREVOR K. LINDSAY

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## TECHNICAL SKILLS

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**LANGUAGES:** Python, SQL, Java, Scala, VBA, STATA  
**LIBRARIES:** Pandas, Numpy, Scipy, scikit-learn, TensorFlow, Keras, NLTK  
**TECHNIQUES:** Deep learning, neural networks, random forests, GBM, SVM, KNN, regression, NLP, computer vision

## PROJECT EXPERIENCE

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### Hidden Information in Earnings Conference Calls

- Wrote a spider to scrape thousands of earnings conference call transcripts from the Internet
- Designed an algorithm to transform the text into features for a neural network that predicts long-term returns for a company

### Recurrent Neural Network to Predict Future Stock Movements

- Built a recurrent neural net using TensorFlow framework that predicts future stock price movements given technical indicators
- Deployed model to client's production framework and implemented a pipeline for deploying future models

## PROFESSIONAL EXPERIENCE

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### Startup.ML

Berkeley, CA

*Machine Learning Fellow*

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
- Projects include helping a financial technology company integrate machine learning into their product and building a model to predict future stock movements for a hedge fund

### Machine Zone, Inc.

Palo Alto, CA

*Data Scientist – Monetization*

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 provide concrete recommendations for actions
- Built models to determine impact of new features on revenue; team can now prioritize feature releases based on revenue impact

### SunTrust Robinson Humphrey

San Francisco, CA

*Investment Banking Analyst – Technology, Media and Telecommunications*

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
- Built numerous financial models including merger models, cash flow models, LBOs and accretion/dilution models

### Federal Reserve Bank of Atlanta

Atlanta, GA

*Economic Research Intern – Research Division*

Spring 2014

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

### CBRE Hotels

Atlanta, GA

*Intern – Hospitality Research Division*

Summer 2013

- Increased the accuracy of the firm's forecasting models 2-3 percentage points by adding dummy variables for special events
- Built and shipped a cluster analysis tool using VBA that groups comparable hotels based on location, amenities and price

## EDUCATION

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### Georgia Institute of Technology

Atlanta, GA

*Master of Science in Computer Science*

Expected May 2018

- Specializing in Interactive Intelligence

### Georgia Institute of Technology

Atlanta, GA

*Bachelor of Science in Economics, with Honors*

December 2014

- Cumulative GPA: 3.25 / 4.00 | Major GPA: 3.50 / 4.00
- Senior Honors Thesis: *Merger Enforcement and Innovation in High-Tech Markets*
- Graduated in 2 ½ years; Recipient of the National Achievement Scholarship and Carson Scholarship