TREVOR K. LINDSAY

San Francisco, CA | (770) 625-0752 | trevor.lindsay@yahoo.com

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

TECHNICAL SKILLS

LANGUAGES:	Python, Java, C++, SQL, STATA
LIBRARIES:	TensorFlow, Spark, PyData (Pandas, Numpy, etc.), NLTK, scikit-learn, Keras, Stanford CoreNLP
TECHNIQUES:	Neural networks, logistic regression, random forests, SVM, NLP, clustering

PROJECT EXPERIENCE

Trends in Earnings Conference Calls

- Wrote a spider to scrape tens of thousands of earnings conference call transcripts from the Internet
- Built a search engine that can search the transcripts and visualize the usage of phrases over time

Recurrent Neural Network for Commodity Futures Contracts

- Built a recurrent neural net with long short-term memory that predicts price movements of commodity futures contracts
- Researched and implemented novel architectures, optimizers and techniques to achieve better performance

PROFESSIONAL EXPERIENCE

Machine Zone, Inc.   **Palo Alto, CA**
Data Scientist – Monetization   Dec 2015 - Present

- Driving monetization strategy for the world's largest and most successful massively multiplayer online mobile games
- Building a prototype machine learning system to manage and optimize in-app purchases
- Built a simulation model to identify pain points in new user conversion and retention; output of model led to actions that reversed a declining trend in new user conversion rates

Startup.ML   **Berkeley, CA**
Machine Learning Fellow   Apr 2016 – Aug 2016

- 4-month fellowship building machine learning systems and working with start-ups to solve interesting problems in finance
- Youngest fellow in the program

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 integrating special event data into the model
- Built a client-facing cluster analysis tool that groups comparable hotels based on location, amenities and price

EDUCATION

Georgia Institute of Technology   **Atlanta, GA**
Master of Science in Computer Science   Expected May 2018

- **Specialization:** Computational Perception and Robotics
- **Coursework:** Parallel computing, machine learning, artificial intelligence, algorithms

Georgia Institute of Technology   **Atlanta, GA**
Bachelor of Science in Economics, with Honors   December 2014

- **Senior Honors Thesis:** *Merger Enforcement and Innovation in High-Tech Markets: A Legal and Economic Overview*
- **Achievements:** Graduated in 2 ½ years; Recipient of the National Achievement Scholarship and Carson Scholarship
- **Activities:** VP of Finance, Student Government; Executive Board, Tour Guides; Alpha Sigma Phi; Omicron Delta Epsilon
- **Coursework:** Differential equations, probability, linear and discrete math, object-oriented programming, game theory, econometrics