TREVOR K. LINDSAY

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PROFESSIONAL EXPERIENCE

Facebook, Inc.   **Menlo Park, CA**
Data Scientist – Marketplace Integrity   Oct 2016 - Present
- Led the development and experimentation of targeted friction flows that reduced losses and false positives for our payments products
- Continuously driving the insights, experimental design, measurement and analyses instrumental to keeping Facebook and Marketplace a safe place to transact
- Delivered tech talks on data science and technical challenges we face at recruiting events all around the country

General Assembly   **San Francisco, CA**
Lead Part-Time Instructor, Data Science   Dec 2017 - Present
- Teach students common data science techniques with a focus on exploratory data analysis, statistics and predictive modeling
- Guided students with no prior experience in data science through the development of a final project that allows them to use large data sets to solve a business problem, create predictions and make business decisions for improving a product
- Achieved a weighted average effectiveness rating of 4.4 out of 5 from students

Machine Zone, Inc.   **Palo Alto, CA**
Live Operations Manager   Dec 2015 – Sep 2016
- Drove monetization strategy for the world's largest and most successful massively multiplayer online mobile games
- Built a prototype machine learning system to manage and optimize in-app purchases using the multi-arm bandit approach
- 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

Fellowship.AI   **Berkeley, CA**
Fellow   Apr 2016 – Aug 2016
- 4-month fellowship conducting research and working with startups to embed artificial intelligence into their products
- 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 strategic advisory engagements (Debt, Equity, M&A) for Internet and digital media companies

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**
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; *Treasurer*, Alpha Sigma Phi; Omicron Delta Epsilon

TECHNICAL SKILLS

LANGUAGES:	SQL, Python, Java, STATA
LIBRARIES:	PyData (Pandas, Numpy, etc.), TensorFlow, scikit-learn, Keras
TECHNIQUES:	Neural networks, logistic regression, tree-based ensembles, natural language processing, clustering

INTERESTS

Commerce, mobile payments, blockchain, auction-based systems, artificial intelligence, antitrust law, sociology