Venchei Sanders

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WORK EXPERIENCE	**Associate Data Scientist - ML,** Shipt Inc., San Francisco, CA Spring 2021 – Present

Associate Data Scientist - ML, Shipt Inc., San Francisco, CA   Spring 2021 – Present
- Developed and Deployed Checkout Time Predictive Model for the Shipt Shopper App
- Developed and Deployed Anomaly Detection model for Shop Time Drift and Decay
- Automated detection and removal of outliers in training data for model retraining

Data Analyst - Product Analytics, Shipt Inc., San Francisco, CA   Fall 2018 – Fall 2020
- Analyzed member behavior to aid in the development of Shipt's CPG business
- Developed product engagement etl's via Docker, AWS Batch, and Snowflake
- Researched demand expectations and strategy for retailer additions to the marketplace

Business Intelligence Analyst, Shipt Inc., San Francisco, CA   Spring 2017 – Fall 2018
- Analyst for a tech startup that was acquired via a merger with Target for $550 million
- Leveraged economic theory to research marketplace dynamics and inefficiencies within the business, affirming the potential for a $1+million annual savings for the firm
- Developed operation dashboards, lifetime value and contractor engagement models by using Textual Data Analysis and Poisson Regression

Associate Analyst, New Constructs LLC, Brentwood, TN   Summer 2016
- Leveraged automation via computer vision to aid in the development of discounted cash flow valuation model(s) for clients including E*Trade, Fidelity, Morgan Stanley, etc

LEADERSHIP

Al's Pals Graduate Assistant   Fall 2014 – Spring 2015
- Co-Developed the mathematical curriculum for the mentoring program
- Supervised 200 undergraduate volunteers on a bi-weekly basis at a local elementary school
- Managed the construction of an outdoor learning space

Math Teacher, Oak Hill School, Tuscaloosa, AL   Fall 2013 – Spring 2014
- Alternative education secondary mathematics instructor
- 13 out of 15 senior students who were formerly high school dropouts graduated at years end

EDUCATION

University of Alabama, Tuscaloosa, AL
- **Master of Arts in Economics,** May 2015

- **Bachelor of Science in Commerce and Business Administration,** December 2012
  Major: Finance   Specialization: Quantitative Finance

- **Bachelor of Science in Education,** December 2009
  Major: Secondary Education Mathematics

PUBLICATIONS/ WRITTEN WORK

DS:30 Podcast – "From Teaching to Teach"   Spring 2021
A podcast feature where I discuss data science and my thoughts on career switching/transitioning

Medium, Shipt Tech – "Shop Time and the Area of a Square"   Summer 2020
Medium publication that explains Minimum Shop Time Expectations for a Shipt Shopper

Master's Thesis Project – "Can Money Buy Championships"   Spring 2015
Researched the returns to an organization due to capital investment in the quarterback position
- Learned that capital concentration into the position minimizes team success likelihood

RELEVANT COURSEWORK

Financial Derivatives	Econometrics	Economic Forecasting
Financial Investments	Mathematics for Finance	Machine Learning

PROGRAMMING

Highly competent in: AWS/Redshift, Docker, Git/Github, Python, R, SAS, and SQL

INTERESTS

Machine Learning & Predictive Modeling, Traveling, Recreational Basketball, Video Games