**Venchei Sanders**

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

**EXPERIENCE**

* 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, CAFall 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, CASpring 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/ DS:30 Podcast** – “From Teaching to Teach” Spring 2021

**WRITTEN WORK** 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**  Financial Derivatives Econometrics Economic Forecasting

**COURSEWORK** 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