Brendan Ok

brendanhok@gmail.com • (832) 622-4521 • Austin, TX 78757

🔗 brendanok.com 💼 brendanok 🐙 brendanok

EDUCATION

The University of Texas at Austin	Master of Arts, Economics	Expected: Dec 2022
	Overall GPA: 3.52	
Texas A&M University	Bachelor of Science, Economics	Graduated: May 2019
	Overall GPA: 3.20	

EXPERIENCE

Dooley Tackaberry, Inc. – *Data Analyst I;* Houston, TX   Aug 2019 - June 2021
Fire and safety equipment distribution and engineering company.
- Completed complex data analysis projects using SQL and R to track flaws in data entry and identify key trends in reporting
- Optimized existing SQL queries in reports to run more efficiently and to present more accurate and relevant data
- Created custom reporting tools using R and PowerShell to automate processes minimize manual work
- Maintained and revamped Power BI dashboards and SQL Server scheduled reports for management
- Created detailed documentation for code and tools and oversaw training of new Junior Data Analysts

Texas A&M University – Department of Economics – *Research Assistant;* College Station, TX   Aug 2018 - Dec 2018
- Read and analyzed existing articles and papers on development economics for Dr. Adel Varghese
- Assisted with analysis on datasets regarding economic conditions in India and Bangladesh using Excel

PROJECTS

StockX Sneaker Resale Price Predictions   Spring 2022
- Machine learning project that predicts shoe price premiums in the resale market using data from StockX, a sneaker marketplace
- Created a random forest model using R to measure viability of using sneaker characteristics and market data on price premiums
- Used RMSE on out-of-sample test set to measure model performance of ~27% within actual values
- Data cleaning, summary statistics, visualizations, and statistical analysis done through R (tidyverse and ggplot2)

Chicago Potholes Python Project   Spring 2022
- Python project that uses public city data from Chicago to find a link between pothole locations and demographic data
- Created map of unfixed potholes throughout Chicago to highlight areas that have gone the longest without service
- Data cleaning and visualizations done through Python (Pandas and Plotly)

Personal Fitness Data Log   Spring 2020
- Tracked every exercise/workout I have done from June 2019 to February 2020 to analyze and improve workouts
- Developed a scoring system based on sets, repetition, difficulty, and other collected variables to measure and rate workout
- Created an MS SQL Server and utilized SQL and R to query and process data for interactive Power BI dashboard

LEADERSHIP EXPERIENCE AND ACTIVITIES

Institute for the Development and Education of Asian American Leaders – *President*   Apr 2018 – May 2019
- Improved member retention rate by 30% and oversaw expansion of organization's role on campus
- Led officer team in event coordinating, workshop development, budget management, and fundraising
- Facilitated discussion on Asian American culture, issues, and leadership through bi-weekly meetings
- Led group volunteering efforts throughout College Station (Wheelchair ramp building, community landscaping, cultural festivals)

SKILLS AND ADDITIONAL INFORMATION

Programming/Coding: R, Python (Pandas, Requests, Matplotlib, Plotly, Beautiful Soup), SQL (T-SQL, PostgreSQL), Git, Stata, PowerShell, Vertex AI, Google Cloud Platform, SSMS, SSRS
General Software Technologies: Linux, Power BI, Excel, HTML, CSS, Excel, PowerPoint, Photoshop
Skills: Data Analysis, Data Cleaning, Data Visualization, Machine Learning, Automation, Markdown, Web Scraping
Interests: Movies, Exercising, Photography
Work Eligibility: U.S. citizen; eligible to work in the U.S. with no restrictions