

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

EXPERIENCE

Dooley Tackaberry, Inc. – <i>Data Analyst I</i> ; Houston, TX <i>Fire and safety equipment distribution and engineering company.</i>	Aug 2019 - June 2021
<ul style="list-style-type: none">• 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 – <i>Research Assistant</i> ; College Station, TX	Aug 2018 - Dec 2018
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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 sets 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
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• 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 – <i>President</i>	Apr 2018 – May 2019
<ul style="list-style-type: none">• 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, SQL (T-SQL, MS SQL, PostgreSQL), Python (Pandas, Requests, Matplotlib, Plotly, Beautiful Soup), 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