

# Brendan Ok

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## EDUCATION

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

## EXPERIENCE

<b>Dooley Tackaberry, Inc.</b> – <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"><li>• Created complex SQL views to track flaws in data entry and identify key trends in reporting</li><li>• Improved existing queries in reports to run more efficiently and to present more accurate and relevant data</li><li>• Created custom reporting tools using R and PowerShell to automate processes minimize manual work</li><li>• Updated and revamped SSRS scheduled reports and Power BI dashboards for management upon request</li><li>• Created detailed documentation for code and tools and oversaw training of new Junior Data Analysts</li></ul>	
<b>Texas A&amp;M University – Department of Economics</b> – <i>Research Assistant</i> ; College Station, TX	Aug 2018 - Dec 2018
<ul style="list-style-type: none"><li>• Read and analyzed existing articles and papers on development economics for Dr. Adel Varghese</li><li>• Assisted with analysis on datasets regarding economic conditions in India and Bangladesh using Excel</li></ul>	

## PROJECTS

<b>StockX Sneaker Resale Price Predictions</b>	Spring 2022
<ul style="list-style-type: none"><li>• Machine learning project that predicts shoe price premiums in the resale market using data from StockX, a sneaker marketplace</li><li>• Created a random forest model with R to measure viability of using sneaker characteristics and market data on price premiums</li></ul>	
<b>Chicago Potholes Python Project</b>	Spring 2022
<ul style="list-style-type: none"><li>• Project that relates pothole locations in Chicago to completion time as well as demographic data</li><li>• Contributed to tracking and mapping the distribution and timeline of unfixed potholes throughout the city</li><li>• Cleaned and reformat data with Pandas and made visualizations with Plotly</li></ul>	
<b>Personal Fitness Data Log</b>	Spring 2020
<ul style="list-style-type: none"><li>• Tracked every exercise/workout I have done from June 2019 to February 2020 to analyze and improve workouts</li><li>• Developed a scoring system based on sets, repetition, difficulty, and other collected variables to measure and rate workout</li><li>• Created an MS SQL Server and utilized SQL and R to query and manipulate data for interactive Power BI dashboard</li></ul>	

## LEADERSHIP EXPERIENCE AND ACTIVITIES

<b>Institute for the Development and Education of Asian American Leaders</b> – <i>President</i>	Apr 2018 – May 2019
<ul style="list-style-type: none"><li>• Improved member retention rate by 30% and oversaw expansion of organization's role on campus</li><li>• Lead officer team in event coordinating, workshop development, budget management, and fundraising</li><li>• Facilitated discussion on Asian American culture, issues, and leadership through bi-weekly meetings</li><li>• Led group volunteering efforts throughout College Station (Wheelchair ramp building, community landscaping, cultural festivals)</li></ul>	

## 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