

Brendan Ok

Houston, TX | 832-622-4521 | brendanhok@gmail.com |  brendanok |  brendanxok

Education

Texas A&M University

Bachelor of Science, Economics, GPA: 3.2

Quantitative Coursework: Linear Algebra, Calculus, Statistics, Econometrics

College Station, TX

May 2019

Work Experience

Dooley Tackaberry, Inc.

Junior Data Analyst

Houston, TX

Aug 2019 – Present

- Created complex SQL views to track flaws in data entry and identify key trends in reporting. Also improved existing queries in reports to run faster, more efficiently, and present more accurate and relevant data.
- Created custom reporting tools using R and PowerShell to automate processes resulting in increased efficiency and productivity by over 50%.
- Utilized statistical modeling and algorithms to suggest pricing strategies based on existing data for the sales department and upper 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 reported on existing literature on microfinance in South Asia for Dr. Adel Varghese.
- Assisted with analysis on datasets regarding economic conditions in India and Bangladesh using Excel.

Lectro Group LLC

Software Developer

Houston, TX

May 2018 – Sept 2018

- Created user interaction bots/automation for company Discord server using Python
- Assisted in developing design and interactions for company website using HTML, CSS, and JavaScript

Projects

NBA Finals Analysis

- Mined data using Python from team stats of every NBA Finals game from 1980 to 2017.
- Tracked changes in assists, rebounds, shooting splits, and relationships between each stats category.
- Utilized statistical libraries including pandas, seaborn, and matplotlib to manipulate and visualize data.

Human Development Analysis

- Utilized multiple regression model to explore relationship between educational attainment and income.
- Used hypothesis testing with dummy variable to measure how much income is gained through education.
- Manipulated data using Python and ran regression statistics using the Analysis ToolPak in Microsoft Excel.

Extracurricular Activities

Institute for the Development and Education of Asian American Leaders

President

College Station, TX

Apr 2018 – May 2019

- Improved member retention rate by 30% and oversaw expansion of organization's role on campus.
- Lead officer team in event coordinating, workshop development, budget management, and fundraising.
- Facilitate discussion on Asian American culture and leadership through bi-weekly meetings.

Skills

Programming: Proficient in R, SQL, Python, PowerShell, Stata

General: SSMS, SSRS, Tableau, Adobe Photoshop, Microsoft Office, HTML, CSS