Brendan Ok

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Education

Texas A&M University   **College Station, TX**
Bachelor of Science, Economics, GPA: 3.2   *May 2019*
Quantitative Coursework: Linear Algebra, Calculus, Statistics, Econometrics

Work Experience

Dooley Tackaberry, Inc.   **Houston, TX**
Data Analyst I   *Aug 2019 – Present*
   o   Created complex SQL views to track flaws in data entry and identify key trends in reporting. Also improved existing queries in reports to work more efficiently through improved performance/run time and to present more accurate and relevant data.
   o   Created custom reporting tools using R and PowerShell to automate processes resulting in increased productivity and efficiency by over 50%.
   o   Updated and revamped SSRS scheduled reports and Power BI dashboards for management upon request.
   o   Utilized statistical modeling and algorithms to suggest pricing strategies based on existing data for the sales department and upper management.
   o   Created detailed documentation for code and tools and oversaw training of new Junior Data Analysts.

Texas A&M University, Department of Economics   **College Station, TX**
Research Assistant   *Aug 2018 – Dec 2018*
   o   Read and reported on existing literature on microfinance in South Asia for Dr. Adel Varghese.
   o   Assisted with analysis on datasets regarding economic conditions in India and Bangladesh using Excel.

Lectro Group LLC   **Houston, TX**
Software Developer   *May 2018 – Sept 2018*
   o   Created user interaction bots/automation for company Discord server using Python
   o   Assisted in developing design and interactions for company website using HTML, CSS, and JavaScript

Projects

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

Human Development Analysis
   o   Utilized multiple regression model to explore relationship between educational attainment and income.
   o   Used hypothesis testing with dummy variable to measure how much income is gained through education.
   o   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   **College Station, TX**
President   *Apr 2018 – May 2019*
   o   Improved member retention rate by 30% and oversaw expansion of organization's role on campus.
   o   Lead officer team in event coordinating, workshop development, budget management, and fundraising.
   o   Facilitate discussion on Asian American culture and leadership through bi-weekly meetings.

Skills

Programming: Proficient in R, SQL, Python, PowerShell

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