# SANJUL SETH

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## Education

**Texas A&M University**                                                                                         **College Station, TX**
*B.S. in Mathematics and B.S in Economics*                                                          *August 2022 – May 2026*
- **GPA:** 3.86
- **Relevant Courses:** Econometrics I and II, Calculus III, Micro and Macro Theory, Money and Banking, Economics of Sports (Expected Value)

## PROFESSIONAL EXPERIENCE

**Data Science Intern at ElectroTempo**                                                          **Arlington, VA (Remote)**
*Intern*                                                                                                                      *Summer 2024*
- Developed charging optimization algorithms for clients facing inefficiencies leading to long wait times during peak hours.
- Implemented a queuing theory model and simulated different charging strategies using Python and SimPy.
- Created live predictive models and dashboards that forecasted peak usage times and adjusted charging rates dynamically.
- Reduced average wait times by 23% during peak hours, improving user experience and increasing station throughput by 12%

**Applied Microeconomic Research**                                                                          **College Station, TX**
*Assistant*                                                                                                           *January 2024 – April 2024*
- Participated in research revolving around the deployment of funds to small businesses in areas affected by Hurricane Harvey.
- Maintained SQL databases for extraction and manipulation of small business data.
- Executed econometric models in R, extracting meaningful insights regarding the proper allocation of funds to businesses.

**Seth Brothers Real Estate Team**                                                                          **Houston, TX**
*Data Analyst Intern*                                                                                          *May 2023 – August 2023*
- Worked with management team to facilitate and complete over $30mm in sales, encompassing a total of 68 transactions.
- Supported the refinement of the company's cultural presentations regarding the diverse customer base in the area.
- Conducted market research to provide clients with insights on property values, investment opportunities, and market trends.

**Wegmans Grocery**                                                                                          **Northborough, MA**
*Customer Service Representative*                                                                          *May 2019 – June 2020*
- Achieved the title of "Employee of the Month" through customer recommendations and management acknowledgement.
- Proficient in using customer relationship management (CRM) software to log interactions and manage consumer inquiries.

## LEADERSHIP & INVOLVEMENT

**Texas A&M Quant Team**                                                                                          **College Station, TX**
*Quantitative Trader*                                                                                          *January 2024 – Present*
- One of ten students selected by the Sinn Fund to manage $100,000 in assets using quantitative trading strategies.
- Developed a strategy using $2^{nd}$ and $3^{rd}$ derivatives of option greeks to map the effect of earnings on option volatility.
- Through back testing, outperformed the S&P by 3% using the volatility indicator on selected stocks, maximizing EV.

**Horizons – Finance Guild**                                                                                          **College Station, TX**
*Member*                                                                                                           *November 2023 – Present*
- Developed an understanding of valuation and M&A processes through educational case studies and guest speakers.
- Constructed and presented materials on financial modeling, accounting/finance concepts, and current economic events.
- Partnered with established investment bankers who provided mentorship and guidance throughout the recruiting process.

**Delta Sigma Pi (Professional Business Fraternity)**                                                  **College Station, TX**
*Member*                                                                                                           *October 2023 – Present*
- Attend regular professional development gatherings in which subjects related to finance and economics are explored.
- Participated in local community service events geared towards giving back to the local Bryan/College Station community.

## COMPETITIVE ACHIEVEMENTS

- **Sports Trading:** Achieved an ROI of 25.40% and a cumulative profit of $100,920 over two years of betting using line shopping and plus EV/correlation tactics (Pikkit – u/sanjulseth: 1u = $100)
- **High-Stakes Daily Fantasy Sports**: Actively Participate in Golf and NFL Showdown DFS slates in which I have achieved a profit of $11,751.89 (16.8% ROI) utilizing data science and game theory techniques to quantify player ownership. Typically participate in strictly large-field GPP contests in which I place an average of 28.78% of my lines ITM.
- **Poker Tournaments + Cash Game Accomplishments:** Placed 8/335 at a $25, 3-bullet max NL tournament at Texas Card House with only one bullet. Made the bubble and profited $400. Also routinely play 1/2 NL Holdem at local card houses around Texas A&M in which I have attained an ROI of 6.7% over the last two years.

## SKILLS, HONORS & INTERESTS

**Honors:** AP Scholar, Academic Award of Excellence, ICDC Finalist (International DECA)
**Skills**: Excel, Python(Pandas, NumPy, Matplotlib, Tkinter), R, SQL Server,
**Interests**: SPAC Trading, Basketball, Celtics, Patriots, Listening to Podcasts