

Jordan Alan Smith

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Education:

Bachelor of Science in Applied Mathematics and Statistics: Bryant University, Smithfield, RI **Graduation: May 2023**

- Cumulative GPA: 3.86 [4.00 scale] - President's List (x1) and Dean's List Recipient (x3)
- Concentration: Actuarial Mathematics
- Honors Program; Minor: Finance
- Bryant University Trustee Scholarship Recipient (2019,2020,2021)

Projects: (Github: [JoJo10Smith](#))

Level II Options Data Dashboard (Python)

- Created an Analytics Dashboard that interfaced with the TD Ameritrade Options Chain API to generate market-by-price orderbooks, depth charts, and line charts to track Mark Price, Delta, Gamma, Theta, Vega, Rho, and Volume for options.
- Used the dashboard to make more intelligent investment decisions in SPDR S&P 500 ETF Trust (SPY) and Invesco QQQ Trust Series 1 (QQQ) options. ([Project Page](#))

Options Trading

- Profited \$45,379 in 4 months of options trading after using knowledge gained from reading *Options Volatility and Pricing* by Sheldon Natenberg. All deposits into my margin account total \$3,150.00
- Utilized a variety of options trading strategies such as: Call/Put Debit Spreads, Call/Put Credit Spreads, Long Calls, Long Puts, Butterfly Spreads, and Iron Condors. Learned about profitable options strategies.

COVID-19 Infection Rate Tracker (Python)

- Analyzed data from rt.live to create visualizations to better understand the severity of the rate of spreading in each state in the United States. ([Project Page](#))
- Combined geospatial data in conjunction with covid spreading rates to display COVID-19 infection R_0 values across states.

Work Experience:

Bryant University Statistical Consulting Organization (BUSCO)

March 2020 - Current

- Cleaned data in Python and R to be used in analysis for College Visions – a RI non-profit – and created decision tree models to provide insights about college admission for low-income students in RI.
- Streamlined and automated the data collection process and received positive feedback from College Visions.

Printer Technician; Bryant University Library (Laptop Central)

January 2020 – March 2020

- Worked 14-20 hours per week assisting students with technical printer problems.
- Watched training videos to understand how the use and trouble-shoot common printer issues.

Actuarial Examination Process:

Examinations: P (sitting: November 2021)

VEE Credits Requirements met: Mathematical Statistics, Accounting and Finance, Economics

Additional Information:

- Python (5 years); Java (2 year); C++ (1 year); Bash/Shell (Linux Operating System) (3 years); SQL (2 years);
- Languages: English (Primary Language); Afrikaans (Read and Write); Setswana (Read and Write)
- Interests: Formula One (F1), Squash, Fitness, Playing Chess, Travelling, Podcasts

Current on campus Involvements:

- Secretary of the Bryant Applied Mathematics and Statistics Association (BAMSA)
- Chair of Operations for African Countries in the International Student Organization (ISO)
- General Member of: Actuarial Student Association (ASA), Multicultural Student Association (MSU), Think Tank (Data Analysis), Squash Club