

Armaghan Naveed

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Education

UBC Sauder School of Business - Fully Funded International Leader Scholar - Dean Honor Roll

BCom Business and Computer Science, Minor in Economics (GPA: 3.9/4.33) – May 2024

Relevant Coursework: Applied Machine Learning (A+), Data Structures and Algorithms (A), Computer Hardware (A+), Operating Systems (A), Software Engineering (A+), Databases (A)

Tsinghua University, Beijing – School of Economics & Management + Computer Science – Jan 2024

Skills & Interests

Programming Languages: R, Java, Go, JavaScript/TypeScript, Python, SQL, C, C++, TCP/IP, HTML5, VBA

Interests: Soccer- (FC Barcelona), Tennis (Federer), Food (Desi, Korean, British), Plants, Chocolate

Work Experience



UBC Trading Group Club

Quantitative Research Lead

July 2022 – Current

- Led a team of 3, to research the **Expected Shortfall Method** to create a factor for Portfolio Optimization.
- Worked with the Quantitative Team to build out an algorithmic trading bot and conduct back-testing on fundamental financial models.
- Coded a **trading bot** which traded securities to generate a profit of **\$149,000** in a competition (RITC) setting.



Procter & Gamble

DevOps Manager

June 2022 – Aug 2022

- Spearheaded a team of four developers to automate the CFM reconciliation process, saving P&G 4500 Hrs./year. Used Agile Project Management to complete the project 1 month earlier than its expected deliverable.
- Programmed in KNIME, Python & R to develop an automated deduction process for Costco saving 50 Hrs./week and allowing **15000 entries** to be checked and flagged.

Media Analytics & Insights Manager

Aug 2021 – Aug 2022

- Used statistical analysis to predict & drive insights for Linear TV, OTT and Digital Media in order to track **\$116 million** in media spending. Insights helped to increase overall reach by **~\$0.5M impressions**.
- Pioneered the use of tools like VAM and Tech-Edge within the Cross Media Measurement space to increase insights. Received **11 Power of You** awards for finding innovative solutions and exceeding expectations.



NAJAA - NGO

Founder x Teaching Coordinator/ Outreach

Mar 2014 – Current

- Taught character-building, and critical thinking courses to **400 children** over a period of three years
- Led food-relief drives during COVID-19 and provided food supplies to 75 families in 2 different provinces for a month.



University of British Columbia

Research Assistant x Online Advertising & IMF Lending Practices for Indian Banks

June 2020 – July 2021

- Causal inference research using statistical and machine learning models to assess browsing behaviours.
- Built an accurate automated live database using Twitter API to collect **3000+ tweets** at intervals of a week.

Teaching Assistant x Introduction to Information Systems x Business Fundamentals

June 2020 – Current

- Provided in-class assistance, and subjectively graded 314 students on skills related to R, Python Excel, and Tableau. Also provided extra assistance outside classes helped raise the grades of **4 students** from D to B.
- Demonstrated the practical implementation of Waterfall project Management and taught basics of ERP and SAP.



UBC BizTech

Marketing Director BizTech x Marketing & Development Team

Apr 2020 – Aug 2020

- Used my entrepreneurial skills to work with a team of developers to innovate/develop/maintain the club's website, helping to increase engagement by **15%** by making the user interface more friendly and accessible.

Projects

Quant Ready – Personal Project

Technologies: Node.js, GoogleAuth, React, MongoDB, Render, Express, Redux

- Developed Quantready.com, an interview prep platform for quantitative finance, featuring mock interviews, question banks, and integration with online learning, in collaboration with the UBCTG



Tweet Database and Semantic Analysis – Research Project.

Technologies: R, SQL, GitHub, Python, Relational DB

- Built a relational database using MySQL, Twitter API to collect 18000+ tweets on intervals of 1 week from news outlets such as the NYTimes etc. to relate political engagement and language used in the US elections