Aritra Saha

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EDUCATION

B.Comm., (Honours) and B.Sc. in Mathematics, Smith School of Business, Queen's University, Kingston, ON   Sept 2018 – Apr 2023
- **Academics**: CGPA 3.86/4.30, Queen's University Excellence Scholarship ($2,000 – Received for admission average of 90%+), Edwin C. Connolly Award ($4,400 – Received for high school academic and extracurricular achievements)
- **Relevant Courses:** Analytics & AI for Business, Probability & Statistics, Investments & Portfolio Management, R for Data Science
- **Teaching Assistant:** COMM 162 (Managerial Statistics) – led tutorials and guided 400+ students through problem sets
- **Exchange**: Completed a 4-month exchange at Korea University's Business School in Fall 2022

Data Science Certificate, BrainStation, Remote   May – June 2020
- Completed a rigorous, 5-week course on data science fundamentals, becoming proficient in Python, data cleaning, visualization, and exploratory data analysis
- Course culminated in final project predicting Alphabet's future acquisitions, gaining top project award from instructor

PROFESSIONAL EXPERIENCE

Data Scientist, Fusion Analytics, Toronto, ON   Jan – Feb 2023
- Developed R Shiny dashboards to optimize client data review process and reduce internal sprint cycle length by 10%
- Conducted data quality checks for client financial data to ensure accuracy of data for consulting team as part of company sprint cycle

Consulting Intern – Banking & Financial Services, Cognizant, Toronto, ON   June – Aug 2021
- Worked for major Canadian bank to restructure and integrate enterprise-wide cybersecurity frameworks and practices
- Led development and synthesis of 500+ regulations for client's security and technology divisions to facilitate compliance and optimization with regulatory requirements for Canadian, U.S., Chinese, and Singaporean offices
- Drafted controls for company's organizational change management process to identify pain points in existing measures and ensure consistency in hiring practices, reducing application processing time by 15%

Special Project Consultant, Global Predictions, Remote   June – Dec 2021
- Work with team of 6 for San Francisco-based econometric forecasting start-up to generate macroeconomic insights and improve predictive modelling products
- Spearheaded research to identify and implement 16 commodity and currency-related economic relationships into company's existing global economy predictors to improve breadth and accuracy of product results

EXTRACURRICULAR EXPERIENCE

Senior Consultant and IT Director, FreshSight Queen's Consulting (FSQ), Kingston, ON   Mar 2020 – Apr 2022
- Work with a team of ~40 students at premier student-run consultancy that serves non-profits across Canada with advisory from Deloitte, EY, and other consulting firms; promoted to Senior Consultant in March 2021
- Conducted a comprehensive website analysis for international infrastructure development non-profit to identify existing pain points, such as weak visual appeal and complex donation process, and enhance visitor donation awareness by 50%
- Restructured grant acquisition strategy for mental health non-profit to identify 20% more relevant grants, and formalize application process to reduce grant writing time by 25%

Editor-in-Chief, Queen's Business Review (QBR), Kingston, ON   Mar 2020 – Apr 2022
- Created, launched, and led inaugural editorial training program to foster skills and learning opportunities for all editors
- Researched and wrote articles regarding private capital, cashless payments, and water privatization that garnered over 1,000 pageviews
- Directed and contributed to the creation of a first QBR print edition in 5 years, a major publication release featuring writing spanning the club's 4 portfolios

Technology Director, Queen's Commerce Law Association (QCLA), Kingston, ON   Mar 2020 – May 2021
- Developed club website using Squarespace and HTML to foster increased club awareness and curate digital content
- Led an SEO campaign to enhance club's digital presence by optimizing website search results for Google 'QCLA' searches, generating a 61% rise in search rankings

ADDITIONAL INFORMATION

- **Proficiencies:** Python (Pandas, Sklearn), R Studio (Dplyr, Shiny, XGBoost), HTML, Gretl, SQL, Tableau (limited), Microsoft Office Suite
- **Languages:** English (native), French (professional), Bengali (verbal), Korean (beginner)
- **Interests:** Clean technology, film photography, hiking, natural language processing, soccer, sports analytics