

TANMAY GUPTA

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EDUCATION

New York University

New York, NY

• **Leonard N. Stern School of Business** - *Bachelor of Science* with Concentration in *Statistics*

Graduated May 2020

• **Courant Institute of Mathematical Sciences** - *Bachelor of Arts* in *Mathematics*

Graduated May 2020

Math GPA: 3.88/4.00 | **Cumulative GPA:** 3.73/4.00 | **Clubs:** Quantitative Finance Society, Business Analytics Club

Honors: Founders Day Scholar | Ahuja Family Research Scholar | Stern Scholar | Dean's Scholar

The Doon School (*High School Diploma*)

Dehradun, India

GPA: 94.25% | **Honors:** School Colors for Excellency (Top 1% of 650 students), Student Government

Graduated May 2016

PROFESSIONAL EXPERIENCE

International Business Machines, Inc. (IBM) - Chief Analytics Office

Armonk, NY

Data Scientist – Enterprise Performance Management

May 2019 – Aug 2019

- Data scientist of cognitive assistant to prioritize and deprioritize automation of sales reports using advanced text analytics
- Coordinate operations, research, and strategy between product teams in New York, Brazil, and India to develop product that allows executives to interact with company finance and sales databases by converting English questions to SQL queries

Summer Strategy Consultant

May 2018 – Aug 2018

- Developed and operated statistical models to predict and forecast revenue generated from key client accounts by service division
- Deployed analytical tools to directly advise C-Suite on transformation, target setting, resource allocation, risk mitigation, and other aspects of strategic and tactical management

Nurses Improving Care of Healthsystem Elders (NICHE Program)

New York, NY

Data Scientist

Sept 2018 – May 2020

- Designed, engineered, and automated seasonal survey report generation for 130 healthcare clients in R; Developed metrics for performance evaluation and implemented report interface in R Markdown and HTML. [Sample report](#)
- Functional in-house Data Scientist and Statistician for the team performing ad hoc analysis in customer clustering, data strategy, data visualization and statistical modeling; wrote 10,000 lines of code and developed core infrastructure for future projects

Stern Program for Undergraduate Research

New York, NY

Research Assistant – Machine Learning and Data Visualization

Sept 2017 – Sept 2018

- Assist Dean Rohit Deo in his research on comparing binary classification model evaluation by analyzing the performance of AUC and sAUC methods as per their robustness and bias given a different set of data
- Assist Dean Rohit Deo in “Investigating model selection methods in Machine Learning techniques” by comparing Ridge, Lasso, and ElasticNet regression models using R packages

PricewaterhouseCoopers Private Limited

New Delhi, India

Summer Digital Strategy Intern

Jun 2017 – Aug 2017

- Interpreted financial data, performed trend analysis, and identified KPIs of 25 companies for a BXT (Business, Experience, and Technology) workshop present to all PwC partners in India
- Conducted industry-wide SWOT and PEST analysis for the FMCG and Argo-chemical markets for a pro-bono pilot project

LEADERSHIP ACTIVITIES

Stern Business Analytics Club

New York, NY

Project Manager – Insights Team

Sep 2017 – Dec 2019

- Lead and coordinate a team of 4 undergraduate students to conduct exploratory analysis, detailed descriptive statistics, and model creation and selection of credit card fraud data to predict the legitimacy of the transaction
- Oversaw and assisted in the periodic mining of crypto-currency data and Twitter feed relating to crypto-currency for a financial and statistical analysis of the crypto-currency markets

New York University Entrepreneurs Festival

New York, NY

Director – Roundtables

Oct 2017 – Apr 2018

- Oversaw and assisted in the organization of one of the largest student-run entrepreneurial festivals in the US, while coordinating the setup of the entire Roundtable event held on both days of the festival
- Designed the roundtable program, communicated, and allocated time to over 16 event sponsors and ensured the smooth progress of the event attended by over 1000 students and visitors

SKILLS & INTERESTS

Languages: Hindi (Native), English (Proficient)

Technology: R (Advanced), Python (Advanced), Matlab (Intermediate), Julia, SQL, Microsoft Excel, Microsoft PowerPoint

Interests: Competitive swimming, Leisure squash, Competitive boxing, Sailing, Sudoku, *Westworld*