

Education

University of Toronto

Toronto, ON

July 2022-Expected June 2023

- Master of Management Analytics (M.M.A) - (GPA: 3.85/4)
- **Awards:** Director's Entrance Award Scholarship, 2022

Thapar Institute of Technology

Patiala, India

July 2016-July 2020

- Bachelor of Engineering (B.E) – Majors: Electronics; Minors: Machine Learning (GPA: 3.9/4).
- **Awards:** Merit Scholarship for my academic performance (Top 10%)

Skills

Programming Languages:

Python, SQL, C++, R, HTML, CSS, Javascript

Tools & Databases:

Azure Databricks, Git, Power BI, Tableau, Flask, Bloomberg, Pitchbook, MS Suite

Work Experience

Data SEA Consulting

Toronto, ON

Data Science Consultant

Mar 2023 - Present

- Developed an API pull to read Smartsheet data in Azure Databricks to create a user-friendly front end to track and generate new sales of \$10mm leads

Zafin

Toronto, ON

Data Science Co-op

Jan 2023 - Present

- Assisting data engineers with cloud migration of legacy systems of small sized lending institutions in North America
- Conceptualizing and developing an application prototype to optimize fee charges of retail customers for enhancement of customer experiences
- Collaborated with the strategy and the product team to define feature timeline and KPIs, visualized sprint plans for building a supervised banking fee optimization model
- Modeled fin-tech competitor landscape and identified 15+ partnership opportunities in the North American market

JPMorgan Chase & Co.

Mumbai, India

Lead Financial Analyst

Jan 2020 - July 2022

- Wrote Python code to automate and forecast workflow utilization of multi-member teams, saving ~100 hours per week
- Performed data cleaning/mining and analysis of large data sets using Python and presented Tableau dashboards to 5 Vice-Presidents of the MNC banking team
- Designed and assisted the data engineering team with scaling of a model to identify acquisition opportunities for portfolio clients of the middle market senior management team; utilized MS Excel and Python
- Partnered with business operations team and programmed a logistic regression model for predicting third party merchant service providers engaged by our clients
- Led end-to-end automation of treasury workflow in partnership with the fintech team, resulting in an efficiency of over 70% and saving over 10,000 hours annually

Additional interests and achievements

- **1st Prize Sun Life Canada Portfolio Management Case Competition:** Utilized back testing and correlation analysis in python to design a portfolio for Sun Life Canada's asset management arm accounting for numerous macro-themes
- **1st Prize: TD Investment Banking Client Case Competition:** Prepared a pitch for an M&A consideration for TD's biggest client – George Weston Limited utilizing financial analysis and MS Powerpoint skills
- **3rd Prize: E-commerce data analytics:** Created a predictive model using Logit modeling and Python to identify potentially late delivery orders for early intervention
- **Finalist at Toronto Police Service Mental Health Case Competition:** Built an arima time series forecasting model for identifying areas of high crime within Toronto
- **Co-Founder of Handmade:** The Tinge, a purpose driven personal products company to create positive societal impact based in India
- Spearheaded a **30+ member team** as President of the Aerospace society during high school
- Hobbies: Fitness enthusiast and actively participate in local marathons in the city