

NIMISH SHARMA

469-982-1199 | nimishsharma3047@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

- Master of Science**, Business Analytics, the University of Texas at Dallas **December 2022**
- Recipient, Dean's Excellence Scholarship; and [Master's Accelerated Research Support Scholarship \(MARS\)](#) GPA- 3.7
 - Uses Quantitative methods and Business Intelligence rules in tools such as RStudio, Jupyter, Tableau, Excel, etc. to analyze large datasets, make better decisions, automate processes, and communicate results to a business audience.
- Bachelor of Technology**, Electronics & Communication, PEC University of Technology **June 2020**
- Designed and configured the Deep-Learning framework of the 'Ornithopter UAV for Surveillance' in Python (Keras) GPA - 2.8
 - Used different Excel functions to develop an Invoices/ Inventory Management dashboard for the annual College fest ([PECFEST](#)).
 - Designed Facial Recognition with Sentiment Analysis Door Lock system using Python (Computer Vision, OpenCV), and Arduino.

TECHNICAL SKILLS

Tools: Oracle SQL Developer, Ubuntu, Snowflake, Office Suite, RStudio, Tableau, Cloudera, Power BI, SageMaker / Azure ML Studio

Languages: Python (Scikit Learn, TensorFlow, Keras, PySpark, Pandas, Seaborn, OOP, Matplotlib, Django), R, T-SQL, MQL, Golang

EXPERIENCE

- Student Manager - Student Union, UT Dallas** **September 2022 – Present**
- Got promoted to manager in 4 months (September 2021 - January 2022).
 - Manages event setups and provides constant support with media & technology needs to around 200 students/patrons daily.
- Data Scientist - Ank Aha Private Limited** **August 2020 – February 2021**
- Worked with Python libraries like BeautifulSoup and Selenium to scrape up to 10million data points from government websites.
 - Processed and analyzed the scraped, raw data, and used Python libraries like Scikit-Surprise, Gensim, NLTK, etc., to create Recommender Systems (based on Collaborative Filtering) for curating user content on the '[Jaano](#)' app and website.
 - Developed ETL pipelines using Airflow in Python, and used Docker to containerize dependencies and store .json/.deb packages.
 - Used Tableau and Excel to lucidly visualize data and create insights-based research reports, to be used by Parliamentarians and bureaucrats, which eventually led to an 18% jump in the technical scope of 4 state-level policy guidelines.
- Development Intern - Reliance Jio Infocomm Limited** **January 2019 – June 2019**
- Used TensorFlow to develop a chatbot based on Bidirectional RNN and NMT models, for improving customer care experience and streamlining grievance redressal mechanism by automating routine queries, and helping generate lead qualification.
 - Used RStudio to develop a Latency Rate Prediction model for identifying the factors most affecting latency rate in 4G networks.
 - Strategized coverage and capacity-based Network planning by analyzing data related to signal strength (RSSI, SNR, etc.), pulled from the Mobile Switching Centers and collected by the field team, using Big data tools like HDFS and Apache Hive.
- Research Intern - Department of Rural Development (Govt. of Punjab, India)** **May 2018 – July 2018**
- Worked closely with the Financial Commissioner to formulate technical guidelines for various district-level policy decisions.
 - Used Oracle's SQL Developer platform and Power BI to extract and analyze records related to land auctions for the govt. of Punjab, increasing the overall efficiency of the processes and bringing down cases of graft by almost 50% in land auctions.

VOLUNTEER & LEADERSHIP

- Volunteer - Indian Students Association (ISA), UTD** **August 2021 – Present**
- Assisted 'Big Howdy' church volunteers in planning & managing the airport pickups of more than 200 students arriving at UTD
- Volunteer Lecturer - Rotaract Club (PEC Chapter, Chandigarh, India)** **January 2021 – July 2021**
- Taught courses like AP Calculus, Statistics, and Verbal Reasoning in English to more than 70 high school students and engaged with school authorities & local community leaders to help the low-income, at-risk students stay in school by incentivizing academic feats.
- Joint Head - Marketing/Publicity Committees, PEC FEST** **September 2018 – November 2019**
- Managed around 125 college juniors while maintaining inventory databases to coordinate with vendors for supplies & equipment purchases, and actively engaged with local businesses to bring sponsorships (worth \$10,000) for the fest.

ADDITIONAL INFORMATION

Eligible to work in the U.S. for internships and full-time roles for up to 48 months without sponsorship, starting May 2022.