Mihir K. Patel

Data Scientist at Luminosity, Inc.

CONTACT

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PROGRAMMING

- R *(2+ yrs., Data Manipulation & Visualization, Statistical Analysis)*
- Python *(2+ yrs., Advanced Textual & Sentimental Analysis, Bot analysis, pandas, scikit-learn)*
- SQL, C++ *(< 2 yrs., Data Retrieval)*

TOOLS

Tableau, Power BI, Excel, Neo4j, Shiny, SLURM Scripts

OBJECTIVE

Looking to leverage my computing & analytical skills to visualize and communicate information alongside a goal-oriented team.

EDUCATION

Data Sci. & Analytics, B.S.
University of South Florida
December 2020

AWARDS

Dean's List
Spring '14, '15, '20
Fall '13, '14, '19

Award
Student Excellence Award '16

EXPERIENCE

Data Analyst

Southwest Florida Water Management Dist., Tampa, FL / March 2021 – Sep. 2021

- Created dashboards that share information so that bureau leads can get a view on up-to-date figures to make better business decisions.
- Fixed various bugs and errors within data entry systems to maintain the quality of the public water database.
- Provided tidy datasets to designated affiliates- allowing them to work with our organization in a symbiotic manner.
- Developed reports for bureau chiefs so that numerous underperforming factors can get highlighted and addressed promptly.

Voluntary Research Assistant

University of South Florida, Tampa, FL / August 2019 – Present

- Cleaning & managing data collected from various government & social media sources to facilitate team's effort for a thorough analysis.
- Assisting professors in their computational social studies by scripting & programming so that necessary pieces of information can be extracted.

Data Engineering Fall Intern

Western Union, Colorado, Remote / September 2020 - November 2020

- Consolidated independent data warehouses into one Tableau Dashboard for monitoring purposes using data extract, which saved further query usages in the cloud.
- Researched to carve out a new graph database business strategy to track fraud and money laundering so that digital & manual review teams can have an effective tool to combat illegal transactions.
- Performed feature selection such that data scientists have a clearer picture when making AI/ML models to reduce customer churn.

Summer Research Intern

University of South Florida, Tampa, FL / March 2020 - August 2020

- Used my role to investigate spread of disinformation related to COVID-19 on Twitter.
- Developed python & R scripts to collect data, catch bots, as well as utilized open-source tools to create network graphs.
- Submitted a report to Cyber Florida addressing impact of disinformation within various filter bubbles.

Tutoring

Hillsborough Community College, Tampa, FL / August 2016 – March 2021

- Routinely helped students taking courses such as Python, C++, Java, Logic, Statistics, Algebra, & Pre-Calculus.

University of South Florida, Tampa, FL / March 2020 - August 2020

- Assigned as a Teaching assistant for the Intro. to Data Science class where I helped students in their programming assignments.