

Mihir K. Patel

Data Scientist at
Luminosity, Inc.

CONTACT



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opendatasurgeon.github.io

PROGRAMMING

- R (3+ yrs., Data Manipulation & Visualization, Statistical Analysis)
- Python (2+ yrs., Advanced Textual & Sentimental Analysis, Data exploration)
- SQL (2 yrs., Data Retrieval & Manipulation)

TOOLS

Tableau, PowerBI, Excel,
Neo4j, Shiny, Dash

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 Scientist

Luminosity, Inc., St. Petersburg, FL / September 2021 – Present

- Using SQL, R, and Python to clean and model prison or court data.
- Building Shiny, PowerBI & Tableau dashboards to provide an accurate information about people on Pretrial.
- Assisting senior Data Engineer in complex business logic formations and query execution to update and maintain client database.
- Researching & utilizing proper open-source products to deliver analytics tools & services to clients in pro-bono projects.

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 – July 2021

- Cleaned & managed data collected from various government & social media sources to facilitate team's effort for a thorough analysis.
- Assisted professors in their computational social studies by scripting & programming so that necessary pieces of information can be extracted.
- 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 bubbles & put out two publications.

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.