







Mihir K. Patel

A Recent Graduate
3.90 GPA

CONTACT

-  321-866-8453
-  mihirp161@gmail.com
-  [mihir-patel-tampabay](https://www.linkedin.com/in/mihir-patel-tampabay)
-  [opedatasurgeon](https://github.com/opedatasurgeon)
-  [@opedatasurgeon](https://twitter.com/opedatasurgeon)
-  [opedatasurgeon.github.io](https://github.com/opedatasurgeon)

PROGRAMMING

R, Python, SQL, C++

SOFTWARE

Tableau, Gephi, Excel, Neo4j

OBJECTIVE

Looking to leverage my computing & analytical skills to understand social behavior of the people alongside a goal-oriented team.

EDUCATION

Data Sci. & Analytics, B.S.

University of South Florida
December 2020

General Engineering, A.A.

Hillsborough Community College
August 2016

AWARDS

Dean's List

Spring '14, '15, '20

Fall '13, '14, '19

Award

Student Excellence Award '16

EXPERIENCE

Undergraduate Research Assistant

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

- Cleaning & organizing data collected from various government & social media source to facilitate team's effort for a thorough analysis.
- Assisting professors in their computational social studies by applying machine learning & information entropy algorithms.

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 churning out of business.

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 - Present

- Regularly help 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.

RELEVANT COURSEWORK

Mathematics

Calculus I-II-III, Differential Equations, Statistics & Analytics, Linear Algebra, Discrete Mathematics

Sciences

Physics I-II with Calculus, Computer Organizations, Program Design (C), Objective Oriented Programming (C++), Data Structures & Algorithms (C++), Predictive Analytics (R)