

CURRENT ADDRESS

145 Clover Valley Cir
Blacksburg, VA 24060

Mihir Patel

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[Data Science Portfolio](#)

PERMANENT ADDRESS

25607 Balint Park CT
Aldie, VA 20105

EDUCATION

Virginia Tech

Bachelor of Science in Computational Modeling and Data Analytics

Minor in Mathematics

Relevant Coursework: Mathematical Modeling, Data Analytics and Visualization/Machine Learning

Blacksburg, VA

Graduation: May 2023

Cumulative GPA : 3.74/4.00

Dean's List: 6/6 semesters

PROFESSIONAL EXPERIENCE

Eufinity

Founder, CTO

- Utilizing Google Analytics to track website performance and collect visitor insights to measure the impact of content.
- Introduced and integrated JIRA into everyday company workflow to analyze team efficiency.
- Designing and monitoring UI/UX development of the app and providing input on necessary changes required.
- Cooperatively working with a co-founder to manage six intern teams as per company guidelines (social media, marketing, design, IT, mental health coaches, and ambassadors).
- Hired and managed more than 75 student interns within two months of inaugurating the startup.

Blacksburg, VA

March 2021 - Present

Fingerpaint

Digital Production Intern

- Managed JIRA Scrum Board to retrieve missing information from tickets to aid the Data Engineering team expedite workflow.
- Coordinated with Data Team Members to sort team priorities by ensuring tickets are completed in a timely manner.
- Followed up and reported each data team member's priorities to the senior team members for better visibility.
- Shadowed the Digital Analytics Team and created tags/triggers in Google Tag Manager for a client's website.
- Developed an email for a client's email campaign in HTML, designed to prevent drug abuse of prescribed medications.

Saratoga Springs, NY

June 2022 – August 2022

Virginia Tech, Department of Food Science & Technology

VBA Developer

- Edited and expanded a Microsoft Excel program that tracks microbiological sample data and sampling plans.
- Designed UI/UX in Adobe XD for a data collection website.
- Coordinated with a developer overseas to build the platform in React Native and Node.js to track microbiological sample data and plans.
- Made API calls to retrieve data from MongoDB database using Python Jupyter Notebook and organized the data into pandas DataFrame.

Blacksburg, VA

January 2020 – August 2022

PROJECTS

Identifying Trends from VT Tweets

- Cleaned the data by removing the stop words from tweets and adding a bag of words column to the existing data frame.
- Identified the trends and distinct events that occurred at Virginia Tech with the help of term frequency-inverse document frequency score and inverse document frequency score.

Web Scrapping

- Scrapped the IMDB website to pull the movies and tv shows data out of HTML and XML files using Python's BeautifulSoup Package.
- Organized the scrapped data into Pandas DataFrame and cleaned the collected information such as description, genre, ratings, total votes, etc.

Analysis of Effect of Alcohol on Grades of Math and Portuguese Language Course

- Performed initial investigations on data to discover patterns and to spot anomalies with the help of summary statistics and graphical representations.
- Predicted the final grades using classification methods and concluded that Decision Tree, Support Vector Machines, and Gradient Boosting were the best models compared to Random Forest, and Ada Boosting based on the accuracy measured from the confusion matrix and classification report.

TECHNICAL SKILLS

Operating System: Windows, MacOS, Linux

Programming Language: Python, SQL, R Studio, Java, C, C++, HTML, CSS

Other Software/Tools: IBM db2, Microsoft Azure, Google Analytics, Google Tag Manager

Languages: Gujarati (Fluent), Hindi (Fluent)

GENERAL SKILLS

- | | | |
|-----------------------|------------------------|-----------------------|
| • Data Wrangling | • Statistical Analysis | • Computing |
| • Database Management | • Machine Learning | • Pattern Recognition |
| • Data Visualization | • Deep Learning | • Agile Methodologies |

INTERESTS



Gym



Hiking



Travelling



Music



Reading



Artificial Intelligence