

Himanshu R. Vaishnav

259 Weybosset St, Apt 202, Providence, RI, 02903 | (352) 871-6517 | himanshuvaishnav@hotmail.com
www.linkedin.com/in/himanshuvaishnav | Website: <http://himanshuvaishnav.us>

EDUCATION

University of Florida, Hough Graduate School of Business
Master of Science in Information Systems and Operations Management (MSISOM)
• Track: Business Intelligence and Analytics (BIA)

May 2018
Gainesville, FL

University of Pune, Maharashtra Institute of Technology
Bachelor of Engineering in Computer Engineering (BECE)

Nov 2014
Pune, India

TECHNICAL SKILLS

Programming Languages: R, Java, C#.NET, Python
Databases: DB2, MS Access, REDCap, MS SQL

Methodologies: Agile, Scrum, Water-fall, SDLC
Tools: Tableau, SAS, Jira, Excel, UI Path, Power BI, Visio

CERTIFICATES

- Using Databases with Python – University of Michigan (LIC No: **GNWYHMSJJA59**)
- Advanced R Programming – John Hopkins University (LIC No: **5VWJK3MENAMK**)
- UI Path (Robotic Process Automation) – Level 2 – UI Path Academy
- Business Analyst Training – RPA – UI Path Academy

WORK EXPERIENCE

Lifespan – Rhode Island Hospitals & Brown University Emergency Medicine
Data Analyst

May 2019 – Present
Providence, RI

Lifespan Health System operates award-winning Rhode Island hospitals and provides health services at dozens of locations throughout Rhode Island.

- Developing and Analyzing the statistical analysis reports as requested based-on requirements/needs for almost 20 research studies using R and SPSS
- Reviewing the data to ensure data integrity, accuracy, and validity
- Compiles and prepares project progress and outcomes

University of Florida
Research Assistant

July 2018- May 2019
Gainesville, FL

Working with Dr. Prof. Liangfei Qiu on his research projects in information systems' field

- Analyzed and interpreted different complex results using a variety of techniques ranging from simple data-aggregation via statistical analysis to complex data mining.
- Used data scraping techniques and data cleaning techniques to prepare the dataset for analysis.
- Worked for UF-DIS to gather process requirements for UF gifts and fund-raising activities and identified processes to undergo automation.
- Identified & pipe-lined potential Business Process for automation and calculated full time equivalent enrollment hours.

HealthStreet – University of Florida
Data Analyst Intern

January 2018 – April 2018
Gainesville, FL

HealthStreet is a community engagement program at the University of Florida that aims to improve the health of the community by bridging gaps in healthcare and health research

- Analyzed, managed and created dashboards from the database of over 12,000 members of HealthStreet, to identify and recommend potential members to medical research studies to reduce manual work efforts by 30%

- Designed and automated the migration application for members' records from MS Access to REDCap using Python and SQL. The Data Manager estimated that this initiative improved data privacy by 40%
- Interacted with Data Manager, Project Manager, and Director to understand the application design and functional specifications, to build the data migration application
- Involved in Sprint planning and Retrospective meetings
- Designed and performed data-driven testing, to validate the migration process of the application
- Utilized knowledge of SQL and Python (Pandas), to retrieve the records from the MS Access

Tejas Constructions & Infrastructure Pvt Ltd
Software Engineer

January 2015 – May 2015
 Pune, India

Tejas is a top-tier Construction company serving clients in the private, corporate and government sectors throughout India

- Managed an automation initiative which aimed to improve the daily reporting process for construction sites across the country
- Designed and implemented a 'Reporting Android Application' to generate a site assessment report for analysis. This resulted in the reduction of total time to assess each site by ~25%
- Used Agile methodology to perform various SDLC phases-requirement analysis
- Participated in weekly project status meetings, to report the status and issues encountered in the application
- Interacted with business users to communicate the bugs and defects encountered

Bharat Sanchar Nigam Limited
Intern

June 2013 – July 2013
 Kota, India

Bharat Sanchar Nigam Limited is a large, state-owned telecommunication company in India

- Analyzed the company's main distribution frame which managed all incoming and outgoing calls from customers. Collected inputs from the company's power plant, telephone exchange, and switching systems to create a report for use by University professionals

PROJECTS

World Happiness Report Analysis

- Utilized STATA, MS Excel, Tableau, and SAS JMP statistical software to analyze the dataset
- Performed regression of Happiness Score on several Happiness indicators for over 150 countries from 2015 to 2017 using STATA
- Assessed relationship between Happiness factors by performing interaction-term analysis
- Designed and assessed the Sprints planning, Review Sessions, and Scrum Meetings
- Performed data collection, data scraping, and cleaning, to validate the dataset for the analysis
- Used statistical technique for hypothesis testing, to validate data and interpretation

Crime Rates in Metropolitan Areas

- Utilized Tableau and MS Excel software skills to analyze the dataset from 2014 to 2016 and creating crime segmentation
- Analyzed crime trends of over 1500 metropolitan areas and evaluated correlation of various crime using Pivot Table and Tableau
- Used advanced MS Excel to create pivot tables and pivot reporting, as well as used VLOOKUP function
- Analyzed and validated data to determine integrity and to improve the process
- Utilized and prepared an analysis report to summarize the finding and opportunities to reduce the crime rates
- Identified and addressed outliers in the dataset for efficient analysis

Global Super Store Sales Analysis (Independent Tableau Project)

- Created a dashboard using Tableau for presenting the global sales distribution for over 500 super stores' dataset from 2012 to 2015
- Analyzed superstore's profit by region based on 3 product categories with over 15 sub-categories
- Evaluated profitability issues for store sales across different product markets