TIFFANY FRENCH

Data-Driven Professional with a Passion for Social Impact

PERSONAL PROFILE

I am a computer scientist and seasoned professional with an interest in data science and analytics. I have over 10 years of higher education experience. I've conducted research In social progress, using neural networks to forecast future data points.

CONTACT DETAILS

t.shaefrench@gmail.com
linkedin.com/in/tiffanyfrench/
tfdatascience.com
https://bit.ly/thinkful_blog
Based in Bronx, NY

PROFICIENCIES

-Python, SQL, R, MATLAB, Java.
-Data analytics & quantitative analysis
-Data mining & cleaning
-Data visualization
-Machine learning
-Neural Networks
-Predictive analytics & forecasting
-Natural language processing
-Research methods
-Strong written/verbal communication
-Training development & facilitation

ACADEMIC PROFILE

Manhattan College
M.S. In Computer Science
Thesis: "Will It Get Better? A Multi-Layered Neural Network with Multivalued Neurons Approach to Social Progress Data Prediction."

THINKFUL

Data Science Online Intensive- completed April 2019

Adelphi University

MA in Psychology: Industrial/Organizational
Advanced Certificate in HR Management

SUNY New Paltz
BA in History with a minor in Communications

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EMPLOYMENT HISTORY

Senior Institutional Research Analyst
Manhattan College | 08/2023-Present
-Prepare data for state and federal compliance filings for NYSED, IPEDS, and others using Python, R, and SQL.
-Create workflow solutions with HTML, CSS, and Javascript to Improve the efficiency and robust data collection In the Registrar's Office and The Office of Finance.
-Collaborated with campus offices to provide data analysis insights, leading to measurable improvements in student retention, outcomes, and assessment

Adjunct Instructor, Computer Science
Manhattan College | 08/2023-Present
-Designed and delivered a comprehensive curriculum for Object-Oriented Programming (OOP) in Java, incorporating a hands-on project where students where developed a video game, thereby concretizing abstract concepts such as polymorphism and inheritance.
-Developed and presented the "Introduction to Computer Science" course, customizing content to meet the needs of students in the College's Educational Opportunity Programs (HEOP & CSTEP).

Senior Programmer & Analyst
Manhattan College | 10/2022-8/2023
-Designed and implemented Python and SQL solutions, improving data accuracy, while supporting internal departments in achieving their data management needs for compliance and reporting.
-Reduced turnaround time and improved effectiveness In HR operations with software reimplementation.
-Developed comprehensive documentation ensuring continuity of service, reduced errors, and facilitated ease of use for end-users.

Senior Assistant Dean, The School of Engineering
Manhattan College | 08/ 2019 - 10/2022
-Pull, analyze, and visualize data for the School's use for accreditation, student retention, and satisfaction.
-Provide advising In group and Individual settings.

Assistant Dean of Students
Manhattan College | 09/ 2015 - 08/2019

-Provided training on a variety of topics, to groups as large as 400.
-Campus database manager for Maxient, our student conduct software.

VOLUNTEER EXPERIENCE

-Founding Co-Director of The Pride Center at Manhattan College.
- Co-chair of the LGBTQ Task Force of the Diversity Council
-Co-advisor of the Rainbow Jaspers LGBTQ+ Student Group
-Co-founder of MC Pride Employee Resource Group
-Creator and facilitator of Jasper Bystander Training
-Creator and facilitator of Safe Zone Training