

Saim Mahmud

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Education

SUNY Buffalo State University, Buffalo, NY Master of Science in Data Science and Analytics	Expected May 2027
SUNY Buffalo State University, Buffalo, NY Bachelor of Science in Computer Information System	August 2021- May 2025

Experience

SUNY Buffalo State University, Buffalo, NY Information Technology Technician	August 2024 - May 2025
<ul style="list-style-type: none">Collaborated with cross-functional teams to deploy 100+ workstations, contributing to efficient operations.Authored user-centric troubleshooting guides that reduced response times by 60%.Resolved complex IT issues and managed high pressure technical support.	
Farmers Insurance, Buffalo Insurance Agent	August 2023 - May 2025
<ul style="list-style-type: none">Implemented a client follow-up strategy, boosting policy retention rates by 25% in six months.Analyzed client needs and tailored coverage plans, leading to a 20% increase in customer satisfaction.Developed inventory tracking system, reducing equipment loss by 30%	

Projects

AirBnB Data Analysis & Price Prediction Link	August 2025 - December 2025
<ul style="list-style-type: none">Cleaned and preprocessed AirBnB dataset (58+ features) using Pandas and feature engineering techniquesBuilt and compared regression models (Linear, Ridge, Random Forest) using Scikit-learn for price predictionVisualized pricing trends and key insights using Tableau dashboards	
Data Science Job Market Analysis Link	February 2025 - May 2025
<ul style="list-style-type: none">Analyzed 742 job listings to uncover salary trends, in-demand skills, and geographic patternsBuilt Tableau dashboards and identified key insights (Python, SQL, AWS demand; regional salary differences)	
Library Management System Link	August 2024 - December 2024
<ul style="list-style-type: none">Designed a relational database (6 tables, 3NF) to manage books, members, staff, and loan transactionsDeveloped SQL queries to track overdue books, active loans, and inventory insightsBuilt user-friendly forms and reports to streamline data entry and library operation	

Leadership & Volunteer Experience

Volunteer, Buffalo Sports Association	May 2023 - Present
<ul style="list-style-type: none">Coordinated 3+ cricket tournaments annually, increasing player registration by 40%+Facilitated post-match events to strengthen team engagement and community	
Bengal Tech Club, Buffalo State University	Aug 2024 - May 2025
<ul style="list-style-type: none">Developed weekly technical content, boosting attendance by 40%Fostered collaborative learning and peer mentorship	
Service-Learning Project: Cybersecurity & Programming CIS 388	February 2024 - May 2024
Buffalo State University, Buffalo, NY	
<ul style="list-style-type: none">Delivered workshops on programming and cybersecurity to 20+ high school studentsDesigned and implemented an 8-week curriculum with a team of 3Introduced students to STEM careers and university pathways	

Technical Skills

Languages:	Python, HTML, CSS, JavaScript
Libraries:	Pandas, NumPy, Scikit-learn, Matplotlib
Tools:	Excel, Powerpoint, Tableau, MySQL
Platforms:	Jupyter Notebook, Visual Studio Code, Google Colab, Cursor
Soft Skills:	Communication, Leadership, Adaptability, Time Management