

Frederick McCollum IV

Business Analytics Specialist | Software Developer

Contact

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Education

M.S. Business Analytics

University of Dallas - 2021
4.0 GPA

B.B.A. Information Systems

Schreiner University - 2017
Minors in Mathematics & Finance
Summa Cum Laude, 3.97 GPA

Key Skills

Business / Data Analytics
Software Development
Communication / Public Speaking
Time Management
Quick Learner

Technical Skills

C# • Python • JavaScript • SQL •
ASP.NET • R • Git • Dynamics 365 •
SAS • Azure • Machine Learning

Certifications

Programming in C#
Programming Using Python
Programming Using JavaScript
Software Development Fundamentals
Power Apps+Dynamics 365 Developer
Azure Fundamentals
Dynamics 365 for Sales
Dynamics 365 Fundamentals
Base Programmer for SAS 9
Database Fundamentals
Security Fundamentals

Objective

My name is Frederick McCollum, but I go by Erick. I am a motivated IT professional with an unrivaled passion for technology, learning, and building valuable relationships. I strive to utilize modern technology to create valuable solutions, make a positive business impact, and empower others.

Experience

May 2019 – Present

Consultant, Business Apps Developer • Microsoft Corporation

- Top software developer in multiple enterprise projects
- Led knowledge-sharing and readiness initiatives across the organization
- Managed a team to improve organization culture and engagement

July 2017 – May 2019

Support Engineer, Business Apps Developer • Microsoft Corporation

- Attained top customer satisfaction scores and performance rates
- Took on leadership roles to advance my knowledge and responsibility
- Contributed to the growth and development of team members

Oct. 2016 – May 2017

Information Systems Intern • Peterson Regional Medical Center

- Exceeded expectations of the internship in all aspects
- Gained valuable experience shadowing a Business Analyst

Projects

Predictive Model to Predict NCAA March Madness Results

I created three different predictive models to predict *NCAA March Madness* Tournament Results using R. I selected the best model and presented my analysis. The source code is hosted on *GitHub*.

Analysis of Dallas Animal Services Data

I performed an in-depth analysis of Dallas Animal Services data using modern cloud technologies, including Microsoft Azure, Power BI, and more. I compiled a report and presented this analysis. The source code and final report are hosted on my personal website and *GitHub*.

Personal Website – erickmccollum.com

I actively develop and maintain my own personal website where I write and publish articles. The website source code is hosted on *GitHub*.

Volunteer & Organizations

Open Source Software Contributor
Microsoft Aspire Ambassador
Schreiner University Ambassador