Frederick G. McCollum IV

Business Analytics Specialist | Software Developer

Contact

fgmccollum4@gmail.com (210) 317-7370 linkedin.com/in/erick-mccollum github.com/frederickm13 www.erickmccollum.com

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

Consultant, Business Apps Developer

Microsoft Corporation • May 2019 – Present

- Won a *Microsoft #BetterTogether* award for going above and beyond
- 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

Support Engineer, Business Apps Developer

Microsoft Corporation • July 2017 – May 2019

- Attained top customer satisfaction scores and performance rates
- Performed multiple leadership roles and responsibilities
- Contributed to the growth and development of team members

Information Systems Intern

Peterson Regional Medical Center • Oct. 2016 – May 2017

- 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/Blog - www.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