Frederick G. McCollum IV
Business Analytics Specialist | Software Developer

Contact

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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.

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

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

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

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*.

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

Volunteer & Organizations

Open Source Software Contributor
Microsoft Aspire Ambassador
Schreiner University Ambassador