

# Frederick G. McCollum IV

## Business Analytics Specialist | Software Developer

### Contact / Social

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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

#### 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
- Influenced team growth by participating in interviews and hiring events

#### 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](http://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