FREDERICK MCCOLLUM

Email: fgmccollum4@gmail.com | **Phone:** (210) 317-7370
Web / Social: www.linkedin.com/in/erick-mccollum | www.github.com/frederickm13 | www.erickmccollum.com

SUMMARY

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.Sc., Business Analytics | *University of Dallas* | *In progress, 2021* | 4.0 GPA

B.B.A., Information Systems, Mathematics & Finance | *Schreiner University* | 2017 | Summa Cum Laude, 3.97 GPA

Professional Certificate, Computer Science for Web Development | *HarvardX* | 2020

SKILLS

Business & Data Analytics | Software Development | Communication & Public Speaking | Time Management | Quick Learner | C# | Python | JavaScript | SQL | ASP.NET | Django | React.js | R | Git | Dynamics 365 | SAS | Azure | Machine Learning | REST APIs | Microservices

EXPERIENCE

Software Engineer | *Microsoft Corporation* | Sept. 2020 – Present
- Software Engineer on the Microsoft Azure platform.
- Utilize Azure cloud technologies such as Azure Functions, Azure App Service, Logic Apps, etc. to build cloud-scale apps and microservices.
- Interact with and build powerful APIs using modern technologies and programming languages.

Software Developer Consultant | *Microsoft Corporation* | May 2019 – Sept. 2020
- Developed and optimized software using JavaScript, C#, .NET, and ASP.NET to improve efficiency by over 53%.
- Investigated and resolved memory leak issues in over 22 ASP.NET web applications and APIs.
- Won a Microsoft #BetterTogether award for going above and beyond.
- Maintained source control for teams of 10+ engineers using tools such as Git, GitHub, and Azure DevOps.
- Led content development, including 4+ organization-wide newsletters and 10+ hours of video content.
- Managed a team of 20+ contributors to improve organization culture, networking, and engagement.
- Influenced team growth by mentoring 8+ team members and participating in 5+ interviews and hiring events.

Software Developer Support Engineer | *Microsoft Corporation* | July 2017 – May 2019
- Maintained customer satisfaction ratings of over 90%.
- Recognized as a subject matter expert (SME) in software developer (SDK) topics.
- Provided expert guidance to enterprise customers in development, debugging, and optimization of JavaScript and C# code.

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.

"MovieRater" Web Application: Web app that allows users to login, search/add movies to the app, add reviews, read other user's reviews, as well as view the average review score for each movie. This web app was created using Django (Python web app framework) and React.js (JavaScript framework for creating single page applications).

View more at www.erickmccollum.com.

VOLUNTEER & ORGANIZATIONS

Open-Source Software Contributor | Microsoft Aspire Ambassador | Schreiner University Ambassador