

Isaac Mbuotidem

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Education

Minnesota State University

Mankato, MN

M.S Information Technology (Software Development): 3.76 G.P.A

Expected May 2020

Selected Coursework: System Analysis & Design, Database Mgmt. Systems, Human Computer Interaction

Software Quality Assurance & Testing, Software Engineering, Web Application & User Interface Design

Hamilton College

Clinton, NY

B.A Communication, French: 3.4 G.P.A

May 2015

Skills

Languages & Databases: C#, Ruby, Python, SQL, JavaScript, HTML5, CSS, Microsoft SQL Server, MySQL

Technologies: .NET Core, Entity Framework, Angular, Rails, Bootstrap, Git, Azure DevOps, WSL

Experience

Hennepin County

Minneapolis, MN

Graduate Intern (Software Engineer) – IT Enterprise Architecture

May 2019 – Present

- Collaborated on the design and maintenance of software architecture patterns
- Built Power BI Custom Connectors to display Azure AD Application usage metrics
- Built full-stack web applications to power County services using C# and .NET Core
- Built intent and question answering chatbots to route external and internal customers to appropriate County resources using C#, the Microsoft Bot Framework, and Azure Bot Service

Curriculum Associates

North Billerica, MA

Associate Product Manager

Jul. 2015 – Jul. 2016

- Managed the development of an HTML5 cross platform learning application
- Ensured effective communication across the editorial, design, engineering, and QA teams
- Investigated and documented product requirements in Confluence and user stories in Jira
- Conducted user testing sessions to gather feedback to inform product development focus
- Eliminated blockers, led cross-team meetings, and relayed client and user testing feedback
- Prepared and periodically presented reports on project status for non-technical stakeholders

Projects

GitHub Source

[PeerTutor.us](https://github.com/mbuotidem/PeerTutor.us)

[Frontend & Backend](#)

PeerTutor is a web application that allows users to book tutoring sessions from a pool of college peers. Users can select tutors based on ratings, book and pay for sessions, and leave reviews of tutors. It is built with C# and .NET Core and currently hosted on Microsoft Azure. Features include:

- Unit tests implemented using xUnit
- Third party authentication via Google or Facebook
- Microsoft SQL Server Database as the back-end data store
- Continuous Integration and Continuous Deployment via Azure Pipelines on Azure DevOps Services

[interro.us](https://github.com/mbuotidem/interro.us)

[Frontend & Backend](#)

Interro is a responsive web application where users can create and play quizzes. Users can also play quizzes created by other users. It is built with Angular, C# and .NET Core. Features include:

- REST API written in C# with JSON Web Token Authentication for user account management
- Continuous Integration and Continuous Deployment via Azure Pipelines on Azure DevOps Services