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

Programming Languages: C#, Ruby, Python, SQL, JavaScript, HTML5, CSS
Databases: Microsoft SQL Server, MYSQL, PostgreSQL, Oracle, MongoDB
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 PowerBI 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   Frontend & Backend

PeerTutor.us 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:

- Third party authentication via Google or Facebook
- Comprehensive unit tests implemented using xUnit
- Microsoft SQL Server Database as the back-end data store
- Automatic build and deployment pipeline via Azure Pipelines and Azure DevOps Services

interro.us   Frontend & Backend

Interro.us 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:

- Basic User Authentication with Microsoft SQL Server Database as the back-end data store
- Automatic build and deployment pipeline via Azure Pipelines and Azure DevOps Services