Isaac Mbuotidem

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Work Experience

Hennepin County   **Minneapolis, MN**
Graduate Intern – 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 mobile 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 occasionally presented reports on project status for non-technical stakeholders

Projects   GitHub Source

PeerTutor.us   **Frontend & Backend**

• Web application for finding qualified tutors from a pool of college peers.
  - Built with C# and .NET Core and hosted on Microsoft Azure App Service / Azure SQL DB
  - Third party authentication via Google or Facebook
  - Unit tests implemented using xUnit.
  - Automatic build and deployment pipeline via Azure Pipelines and Azure DevOps Services

interro.us   **Front-end | Backend**

• Mobile responsive quiz web application with user accounts and public quiz playlist.
  - Built using Angular for the frontend, and C# and .NET Core for the backend service api.
  - Hosted on Microsoft Azure App Service / Azure SQL DB

nocontact.us   **Front-end | Backend**

• A mobile responsive chatbot that provides support to those with broken hearts.
  - Built with C# using the Microsoft Bot Framework and hosted on Github Pages/Azure

Skills

Languages: C#, Ruby, Python, SQL, JavaScript, HTML5, CSS
Databases: Microsoft SQL Server, MYSQL, PostgreSQL, Oracle, MongoDB
Technologies: .NET Core, Entity Framework, Rails, React, Angular, Bootstrap, Azure DevOps
Concepts: Object Oriented Design, Relational Database Design, Unit Testing, Version Control

Education

Minnesota State University   **Mankato, MN**
M.S Information Technology (Software Development): 3.76 G.P.A   Aug. 2018 – Present

Hamilton College   **Clinton, NY**
B.A Communication, French: 3.4 G.P.A   Aug. 2011 – May. 2015