Jacob Broderick

Email : jacobabroderick@gmail.com
Mobile : 541-973-3736

TECHNICAL EXPERTISE

Languages   SQL, Python, Golang, C#, Javascript, HTML/CSS

Technologies   .Net MVC, Git, SVN, Microsoft SQL Server, MySQL, Redis, kafka, TFS, Jenkins, Flask

EXPERIENCE

OfficeAlly   Vancouver, WA
Database Developer   *Jan 2018 - Present*

- Transitioned database schemas to git source control to ensure that changes to tables and stored procedures are properly tracked across all environments
- Created a continuous deployment workflow using Jenkins pipelines resulting in databases automatically deploying to servers upon commit
- Designed tables and stored procedures for new features based on stakeholder requests
- Refactored tables and stored procedures in TSQL to improve performance and usability, leading to less downtime for customers
- Collaborated with developers to determine best design for data objects to ensure that code quality is up to standard
- Utilized multiple databases (Redis, kafka, MongoDB) to ensure data delivery is efficient and stable
- Reviewed other developer's code resulting in fewer bugs when production ready
- Managed junior developers to ensure their success

Coelo, Company by Design   Corvallis, OR
Software Engineer   *Jun 2017 - Dec 2017*

- Improved lab processing time by creating a C# image processing application to analyze images of fish
- Designed and implemented prototypes with the purpose of updating deprecated machine learning software with new requirements

HP inc.   Corvallis, OR
Software Engineering Intern   *Jun 2016 - Aug 2016*

- Created an Oracle SQL database object to pre-process 40 terrabytes of data, greatly reducing overall application run time
- Improved ink processing analysis by querying various metrics, contributing to improved insight and rapid reduction in processing errors

PROJECTS

Bag Of Holding Bot   Dicord.gg chat bot that tracks items Dungeons and Dragons players have in their character's bags of holding. Players can store, retrieve, and clear out the bag through the chat interface. Allows the Dungeon Master to secretly add and remove items. Written using Python, MySQL, and Docker for uniform deployment across platforms

EDUCATION

Oregon State University   Corvallis, OR
Bachelor of Science in Computer Science   *2017*