

## TECHNICAL EXPERTISE

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

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

## EXPERIENCE

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### OfficeAlly

*Database Developer*

Vancouver, WA

*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

*Software Engineer*

Corvallis, OR

*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.

*Software Engineering Intern*

Corvallis, OR

*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

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**Bag Of Holding Bot** Discord.py bot that keeps track of items that players have in their bag of holding during a game of Dungeons and Dragons. Players can store and retrieve items, and can dump out the entire bag. Can keep track of member types so that the admin can secretly add items if they wish. Utilizes Mysql and Docker to make sure that it can be hosted on any environment.

## EDUCATION

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### Oregon State University

*Bachelor of Science in Computer Science*

Corvallis, OR

*2017*