

TECHNICAL EXPERTISE

Languages : C#, SQL, Python, Javascript/Jquery, HTML/CSS

Technologies .Net MVC, Git, SVN, Microsoft SQL Server, Agile, TFS, Jenkins

EXPERIENCE

OfficeAlly

Database Developer

Vancouver, WA

Jan 2018 - Present

- Transitioned databases to source control to ensure that changes are properly tracked
- Created a continuous integration workflow using Jenkins so that databases are automatically built on development servers
- Designed tables and stored procedures for new features based on stakeholder requests.
- Refactored tables and stored procedures to improve performance and usability, resulting in up to 50% reduced query time.
- Influenced data design decisions on big data projects resulting in, back end code utilization, increased speed, and ease of use.

Coelo, Company by Design

Software Engineer

Corvallis, OR

Jun 2017 - Nov 2017

- Improved lab processing time by creating a C# image processing application to analyze 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

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

Center for Applied Systems and Software

Student Software Developer

Corvallis, OR

May 2014 - Jun 2015, Sep 2015 - Jun 2016

- Assisted in design and implementation of REST interface for the Oregon Department of Transportation. This API is utilized by an emergency response application, used by emergency services across Oregon.
- Created an interface to the Travel Time system, seen on Oregon highways, that allows outside counties to utilize ODOT systems and databases to predict traffic trends.
- Stored project documentation according to government regulations and specifications, using Microsoft Team Foundation Server.

EDUCATION

Oregon State University

Bachelor of Science in Computer Science with applied option in Security

Corvallis, OR

2017