

# Victoria Rhine

Salem, Oregon

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victoria-rhine.github.io

## Projects

### Beyond the Tutor, Senior Capstone Team Project

- Designed and developed web application to improve computer science tutoring by connecting students and tutors through an intuitive interface and providing professors with insights for better course design
- Served as Scrum Master and implemented Agile fundamentals including inception, sprint planning, backlog refinement, sprint reviews, stand-ups, and retrospectives

### Virtual Zoo, Android App Development

- Designed and developed Android augmented reality (AR) app to allow users to interact with animal objects in the user's environment or through an interactive virtual environment with 360 views

### Microservices Architecture

- Refactored code in a monolith clone of Reddit and successfully migrated activity logging to microservices
- Implemented task and message queuing, load balancing, and deployed microservice and database to the cloud

## Experience

### Western Oregon University, Monmouth, Oregon

September 2019 – June 2020

- Computer Science Division, Tutor
- Office of Disability Services, Programming Assistant

### Chemeketa Community College, Salem, Oregon

June 2017 – August 2018

- Electronics Department, Lab Assistant

## Education

### Western Oregon University, Monmouth, Oregon

September 2018 – June 2020

- Bachelor of Science, Computer Science, Magna Cum Laude
- President, Girls Who Code College Loops

### Chemeketa Community College, Salem, Oregon

June 2016 – August 2018

- Associate of Science, Computer Science and Associate of General Studies
- Phi Theta Kappa Honor Society and Chemeketa Foundation Scholarship

## Languages, Frameworks/Tools, Skills

C#, Python, C++, HTML, CSS, JavaScript, JSON, jQuery, Bootstrap, Semantic UI, SQL Server, MongoDB, Kotlin, Git, Visual Studio, ASP.NET, MVC, Android Studio, PyCharm, Azure, Heroku, REST APIs, Technical Writing, Flask, Celery, Redis, Nginx, Test Driven Development (TDD)