McKenna Jones

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EDUCATION

Oregon State University
BS in Computer Science
Computer Systems
Cum Laude
ABET Accreditation

SKILLS

Languages:
C#, TypeScript, Python

Frameworks:
.NET, .NET Core, Angular
xUnit, Karate

Databases:
SQL Server, Redis

Tools:
Docker
Jenkins, Bamboo
EC2, ECS, S3, Cloudwatch

EXPERIENCE

SKIDATA AG   Dec 2017 – present
Software Engineer   Portland, OR
- Backend web development for a Customer Loyalty platform
- Helping transition a monolithic .NET application to Docker based microservices using .NET Core and Entity Framework Core
- One of two lead engineers on a project to integrate the Loyalty platform into a parking system at Austin Bergstorm International Airport
- Created microservices to provide Single Sign On authentication via Facebook or Ticketmaster
- In charge of managing weekly deployments to AWS hosted infrastructure

Iovation Inc.   Jun 2016 – Sep 2016
QA Engineer Internship   Portland, OR
- Summer internship focused on automation
- Developed an application to automate the process of creating a QA testing environment
- Extensive scripting in Python and Bash
- Use of Hashicorp's Consul to monitor services

Center for Applied Systems and Software   Mar 2016 - Jun 2017
Student Developer   Corvallis, OR
- Backend web development position
- .NET MVC based web applications for the Oregon Department of Transportation
- Participation in the integration and test cycle of large system releases

PROJECTS

OSU Senior Capstone Project: Virtual Reality Outdoor Experience
Top 3 Expo Project as voted by Electrical Engineering and Computer Science industry representatives

A project sponsored by Intel and Columbia Sportswear. Use of the HTC Vive and the Unity Game Engine to create a virtual reality fishing experience to promote Columbia Sportswear apparel. A yearlong project for the Senior Capstone class at OSU.

Open Source Contributions

Elevate - Strava Browser Extension
Various merged pull requests related to System Settings that alter site appearance.

Cerebro-Linux-Commands
Created a plugin for the productivity tool Cerebro in Javascript. Can be found on NPM and GitHub.