ARTHUR CLARK

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WORK EXPERIENCE

DevOps - Intern

Portland General Electric - Portland, OR   June 2018 – December 2018

Scalable, load balanced web server using Packer, Terraform, Docker, and AWS

I worked on a proof of concept using Packer, Terraform, and Docker to create a template to deploy scalable, load balanced web servers. They deployed to virtual machines on a cloud platform. I worked with AWS, Microsoft Azure, and Google Cloud.

Automated Bluetooth/Wi-Fi Testing - Intern

Intel Corporation - Hillsboro, OR   July 2017 – January 2018

Automated Bluetooth/Wi-Fi chip testing using C#, Python, Jenkins, and Linux

I created and managed automated test code for Bluetooth/Wi-Fi chips. I debugged test results to determine if errors were a driver issue or a test code issue. I also maintained test beds to make sure tests were accurate.

Combine Operator and Mechanic

Pacific Ag – Hermiston, OR   June 2008 – November 2013

Operated, serviced, and fixed farm equipment and managed crews.

At Pacific Ag, we harvested crops (e.g. grass seed, wheat, and corn) for farmers . I managed crews, performed maintenance on large machinery, and trained new employees.

EDUCATION

Oregon Institute of Technology   Graduated 2020
Klamath Falls, OR
Bachelor of Science in Software Engineering Technology   GPA 3.14

PROJECTS

Senior Project – Restaurant seating system using a RESTful API, SQL, Azure, C#, and Swift

I created an iOS app and backend API to provide a restaurant table waitlist service. The API queried a SQL Server database to respond to JSON requests from the iOS app. The application backend was built using C# and the iOS app was built using Swift.

Junior Project – A college tutoring application using WPF, SQL, and C#

I worked on a team to develop a Windows application for student/tutor matchmaking and ratings. I worked on network connections, testing, debugging, and an SQL database. The frontend was built with WPF connected to a C# backend using a TCP connection.

SKILLS

C#/.Net	MS SQL	AWS, Azure, GCP	Linux Scripting
Web API	WPF/WCF	Jenkins	Docker
Jira	C++	HTML/CSS	Entity Framework
Git	Terraform/Packer	Postman	Debugging

References Available Upon Request