

Zachary Lorenzen

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zachlorenzen.com

(712) 579-5884

Technical Skills

Languages: Java, C#, C, C++, Scheme, Prolog, Python, LaTeX, SQL, BASH, Groovy

Software: Microsoft Office, SCCM, AD, Eclipse, Unity, Blender, SPSS, VIM, Visual Studio, SVN

OS: Windows, Ubuntu Linux

Relevant Projects

T2 Replacement Project - Microsoft DSM Data Centers Summer 2022
Old T2 servers were replaced with new 400G servers. We replaced the chassis, moved all link connections to the new server, connected power cabling, dressed all fiber and power cables, and validated links after the device was deployed.

MDT Refresh - MidAmerican Energy Company Summer 2021
We replaced all Panasonic CF-31 toughbooks with new Dell 7220 tablets across the state of Iowa, including mounting new docks in service trucks.

Rapid Prototype - No Gamer Left Behind (Unity 2D & C#) November 2014
Prompted by PC Gamer's report that women now make up over 50% of PC gamers across all genres, No Gamer Left Behind is a platformer game with the purpose of spreading this news.

Summer Research - Data Compression Research (Java) Summer 2013
I developed and tested a new lossless data compression algorithm with Dr. Stone, a professor of physics and computer science at BVU. We tested the new method against static and adaptive Huffman algorithms, the Shannon-Fano algorithm, and others.

Work History

Data Center Server Technician at TekSystems

May 2022 : Present

- Provided hardware support to servers at Microsoft DSM data centers, including T2 server replacements, link investigations, cable management and replacements, and old hardware decommissioning.
- Followed safety protocols to minimize the risk of potential injury / ill-health as outlined in our team's Task Hazard Analysis.

Desktop Support Technician at Pomeroy LLC

March 2020 : May 2022

- Provided technical support for Microsoft Office, Windows 10, Laptops and Desktops (HP and Dell), as well as tablets (Dell)
- Imaged and prepared new machines (laptops, desktops, and tablets), then deployed them to users along with monitors and docking stations

Farm Hand at Lorenzen Farms

May 2016 : March 2020

- Cattle, Swine, and Crops.

Education

B.S. Buena Vista University Corporate Mathematics & Computer Science/Mathematics May 2014

M.E.A.E. University of Utah Entertainment Arts and Engineering Master (Incomplete) May 2015