Dylan Reichelt

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Professional Experiences:

Programming Intern, Trapp Technology - Phoenix, Arizona   05/2019 – Present
- Using ASP.NET and C# to refactor in house applications into a REST design.
- Working with a mentor and using GitLab for version control to achieve projects assigned to me.

Intern Software Developer, Phoenix Group Metals - Phoenix, Arizona   05/2018 – 08/2018
- Designed and programmed an inventory algorithm. This would determine sale price, purchase price, and time series forecasted inventory. Done in Python using Pandas
- Designed and programmed a camera booth and application to take 3D pictures of products for inventory and item management.

Computer Repair Technician, Revo Technologies - Salt Lake City, Utah   10/2015 – 12/2017
- Built and repaired custom and retail computers as well as servers
- Performed on-site calls locations repairing or setting up networks
- Explained to customers the issues their computer was experiencing
- Was assigned to Corporate Clients to build and maintain their computers

Customer Service Representative, Toys R Us - Salt Lake City, Utah   11/2013 – 10/2015
- Worked with customer satisfaction and complaints, resolving checkouts and returns
- Back of house training, loading and unloading shipments

Education:

BSE Computer Systems Engineering (May 2020)
Ira A. Fulton School of Engineering
Arizona State University, Tempe, Arizona

Granite Technical Institute
Classes in Networking, Linux, Java, and C#

Projects:

Admin Domain Manager, Trapp Technology - Phoenix, Arizona   05/2019 – 08/2019
- Redesigned an in-house Domain Manager for Trapp's webhosting service Brinkster.
- Unifying calls to the GoDaddy and OpenSRS API's to one library for service responses. Under the requirements that we keep functionality, but also a modular REST design.
- This allowed service technicians to register, renew, and change NS settings of customer domains on one single page.

FPGA Voice Recorder, Arizona State University - Tempe, Arizona   08/2018 – 12/2018
- Worked in a group to program an FPGA board to use as a voice recorder
- Would record two voices, saving both to memory and could select which one to play back using switches. Done using System Verilog.

Technical Skills:
- FPGA Design and System Verilog
- Git, Python, C#, Java, C, C++, ASP.NET
- Assembly Language
- Basic SQL Calls
- Computer, laptop, and server repair/building
- Repairing software and operating system corruption