Jorden A. Holland

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EDUCATION

Oregon Institute of Technology (Ongoing)

Bachelor's degree in Information Technology. Major is Computer information systems. Set to graduate Fall 2020

Portland Community College

Associates of General Studies.

SKILLS:

- Proficiency in object oriented **programming** and understanding of languages such **C++**, **C#**, and **Python.**
- **Visual Studio** for **programming** and **SQL datatools**
- Proficiency in working in professional applications such as **Visual Paradigm**, **Excel**, and **Microsoft Word**
- **SQL database management** experience including writing **SQL statements** and processing high volumes of data into meaning information
- Advanced proficiency working with the **Microsoft Windows** operating system as well as **Active Directory**
- Security software proficiency such as **Metasploit**, **OpenVas**, and **Nessus**
- **Troubleshooting** lab computers at Oregon Institute of Technology
- Creating a **network** using **switches** on lab computers at Oregon Institute of Technology
- Installing and replacing **hardware** in lab computers at Oregon Institute of Technology
- Creating a resilient **cloud network** through **AWS**.
- Implementing **security group policies** and **elastic IP's** on **AWS** cloud systems

AWARDS:

Certifications:

- 98-365: MTA: Windows® Server Administration Fundamentals 2016
- 98-349: MTA: Windows® Operating System Fundamentals 2016

- 98-367: MTA: Security Fundamentals 2016
- Comptia A+ Fundamentals 2016

PROJECTS

Bookkeeping Database

- Designing database in **Visual Paradigm**
  - Creating a visual representation of the database
  - **Relational view** to show how the **databases** connect to one another
  - Using private and **public keys** between databases to reference each other
- Creating **business processes** in **excel**
  - Deciding on business requirements based on requested functionality
  - Organizing business requirements into higher level **business processes**
  - Creating **Use Cases** with associated **stakeholders**

Computer Store Web Application

- **HTML** website design
  - Utilizing HTML to format the website according to the given requirements
  - Implementing **Master pages** to provide a website theme
- **C# programming** to handle web application processes
  - Providing functionality for buttons and textboxes
  - User **input validation**
  - Stored procedures to use multiple times
  - Programming documentation to provide to others
- **SQL statements** to manage the database
  - Using tables with **data sources** that reference **SQL servers** on the host machine

- Using SQL Statements stored in string variables to **retrieve, insert, or update table information**

Raspberry Pi Arcade

- **Cabling management**
  - HDMI cord to monitor
  - Push button connection cable to USB encoder
  - Power cabling to power strib that connects to wall outlet
- **Operating system formatting**
  - **Formatting** the retropie operating system on the mini SD
  - Installing the operating system onto the Raspberry PI
- **File management**
  - Creating file system for video game files
  - Utilizing **wireless file transfers** to send files to the Raspberry Pi

EXPERIENCE
Tigard Historical Association Volunteer (Present)
Tigard, Oregon
- Maintaining John Tigard House
- Assistance in the Organization of events
- Cleaning around the Tigard House
- Database development and management

KTM Research Internship (June 2015 - September 2015)
Tualatin, Oregon
- Coding machine vision technology
- Machine Construction
- Photo editing via photoshop
- Windows files system management

Walmart Produce Associate (June 2016 - September 2016)
Tigard, Oregon

- Inventory Management
- Product Placement
- Sanitation

Oregon Institute of Technology Event Staff (November 2019 - Present)
Wilsonville, Oregon
- Event setup
- Event registration
- Event cleanup