

Ross M. Higley

Web / Software Developer

<https://lnkd.in/PVRWRM>
<https://deedsogado.github.io/>

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Pocatello, ID

Education

Bachelor of Science, Major in Computer Science

Aug 24, 2015 – Dec 12, 2018

Idaho State University

Pocatello, ID

- Created programs in Java, C#, C++, and MARIE assembly.
- Created websites in HTML, CSS, Javascript, PHP, ASP .NET, and GLSL.
- Data languages: MySQL, T-SQL, SQLite, JSON, XML, and XAML.
- Graduated with 3.85 GPA.

Associate of Applied Science, Business Information Systems

Sept 7, 2012 - Dec 16, 2014

LDS Business College

Salt Lake City, UT

- Emphasis in Database, Networking, and Server Administration.
- Active Directory Domain Services
- Database Management through Microsoft Access and Microsoft SQL Server.
- Self-taught Android App developer for API 15.

Experience

EarthMoon 3D animated model of Earth and the Moon

Oct 2017 – Oct 2017

ISU CS 4458 Computer Graphics

Pocatello, ID

- Written in HTML, Javascript, and WebGL Shader Language.
- Different textures are used according to light level, which makes cities light up at night.
- Correct relative rotations of the moon and earth.
- Distance between Earth and Moon is not to scale.

Asteroids FishEye clone of classic Asteroids game

Nov 2016 – Nov 2016

ISU 3308 Data Structures and Programming

Pocatello, ID

- Written in C++ using Winforms.
- Pseudo-logarithmically compressed infinite universe.
- A ship which aims where your mouse is projected into the universe.
- A camera which follows the ship when the ship passes a certain threshold.

BobAwesome 2D text based dungeon game
ISU CS 1182 Programming II

Jan 2016 – April 2016
Pocatello, ID

- Written in C# and XAML using WPF.
- Supports saving and loading games as files.
- Supports mouse, touch screen, and keyboard controls.
- All blocks start as black until visited.
- Discover potions to consume, weapons to equip and monsters to fight.

ReserveARoom Android app to reserve rooms in the LDSBC library
LDSBC Info Tech Capstone Project

Sept 2014 – Dec 2014
Salt Lake City, UT

- Written in Java, XML, PHP, and SQL-lite using Android Studio.
- Uses Android API 15, for Android 4.0.3 Ice Cream Sandwich.
- Supports foreign languages (currently English and Spanish).
- Uses fragments to create different layouts for phones and tablets.

Memory Match Game

LDSBC CS 115 Program Design and Graphics

Dec 2014 – Dec 2014
Salt Lake City, UT

- Written in Java using Swing GUI library.
- Can play in command line shell or GUI window.
- Can play with 10, 20, or 30 cards.

About Me Autobiography Website

LDSBC CS 135 HTML with CSS

Mar 2017 – Mar 2017
Salt Lake City, UT

- Written in HTML and CSS using Notepad++.
- Footer anchors to bottom of window, or bottom of content for scrolling windows.
- Page can scroll behind header.

Distance Learning Classroom Operator & Video Class Technician

Idaho State University
921 S 8th Ave, Pocatello, ID 83209 Bannock County
Boss: Angela Burnham: 208-282-5726

Aug 20, 2017 – Present
Pocatello, ID

- First line of defense for IT assistance and customer service for ISU professors.
- Performed basic troubleshooting for classroom equipment.
- Operated cameras for broadcasting to remote campuses and online recordings.