Ryan Mack

Computer Science Student

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**Github**: <https://github.com/ryanjmack>

**Languages and Technologies**

* C, C++, JavaScript, MASM, SQL, Python, HTML, CSS, MySQL
* Git, React, Node.js, Sass, D3.js, Linux Command Line

**Education**

**Oregon State University** *Current Student – Expected Graduation Date: Fall 2019*

B.S. Computer Science

Current GPA: 4.0

**Florida Southwestern State College**

Obtained A.A. Liberal Arts

GPA: 3.72

**Projects**

**Online Course Management System:** Full-stack web application built with MySQL, Node.js and JavaScript in which the user can perform CRUD functions on data

**Mortal C++:** Text based game playable in the terminal built utilizing OOP principles

**Low Level I/O Procedures:** A program that handles input from the user, processes it, and displays it back to the user written in Assembly Language (MASM)

**Global Land Temperature Visualization:** I downloaded a dataset from NOAA.org and created a D3.js visualization in the browser displaying temperature variance from 1880-2018

**Tic Tac Toe:** An unbeatable Tic Tac Toe, written in JavaScript utilizing a minimax algorithm

**URL Shortener:** Backend web app built with Node.js and MongoDB. The user can create shortened URLs and/or visit a shortened URL and be redirected to the original URL

**Calculator:** A calculator written in JavaScript

**Local Weather:** A mini web app that uses geolocation to fetch the user’s weather and display it

**Employment**

* **Costco Wholesale** September 2014 – December 2018