

# Ryan Mack

Computer Science Student

**Address:** 675 Plainfield Ave.

Berkeley Heights, NJ 07922

**Phone:** (908) 418-0840

**Email:** mackry@oregonstate.edu

**LinkedIn:** <https://www.linkedin.com/in/ryan-mack-b6a971159/>

**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