

Andrew Johnson
(702) 241-6598
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Education

University of Michigan • Computer Science Engineering • Aug 2016 – May 2020

- Cumulative GPA: 3.86/4.00
- Relevant Coursework: Data Structures and Algorithms, Web Systems, Information Retrieval and Web Search, Computer Organization, Introduction to Computer Security

Work Experience

Software Engineering Intern • Apple • May - Aug 2019

- Apple Maps

Software Development Engineering Intern • Amazon • Finance Tech • June - Aug 2018

- Designed prototype full stack application to assist in determining the feasibility of creating a new internal application to assist and improve employees' daily processes
- Met with potential customers to determine their needs and adjusted application design to provide maximum value to the customer
- Wrote comprehensive unit test suite to test application for errors and inconsistencies
- Prepared and presented results of application implementation to advise team on future uses of a full-scale adaption

Engineering Intern • Sigma Engineering Solutions • June - Aug 2016 • May - Aug 2017

- Performed quantity calculations during the design stage of the Silverline Road Overpass bridge to improve material estimate accuracy and decrease ordering costs
- Created 3D model of Duke Wabash Power Plant for use in bidding process to present demolition sequence to potential clients
- Modeled AT&T Towers planned for demolition in SolidWorks to provide engineers a representation of the structure to increase safety and efficiency in demolition
- Reviewed Silverline Road Overpass Bridge plans for errors, inconsistencies and omissions to reduce future revisions and increase accuracy

Research Assistant • UNLV Entertainment Engineering • July 2015

- Researched and conceived new STEM based curriculum products for instructional use to teach students STEM concepts
- Tested STEM based curriculum products with potential users to report on the practicality and design of the product to project manager

Projects

Time Off Manager

- Built Time Off Manager to move small business from keeping track of personal and vacation days by hand to a web application built with Python, React, and MySQL

Personal Website • AndrewJohnson.io

- Created static personal website, AndrewJohnson.io, in HTML, CSS, and React JS to showcase projects and experience.

Additional

- Skills: C++, Java, C, JavaScript, Python, HTML, CSS, Spring MVC, Scrum, Flask, Bash
- Interests: Broomball (Champion), Golf, Fantasy Baseball, Paddle boarding, Kayaking, Grilling