



**WILL MITCHELL**  
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## Objective

Pursuing the opportunity to exercise my technical and interpersonal skills while gaining knowledge and new experience.

## Skills

- JavaScript
- HTML
- CSS
- Java
- C (programming language)
- Visual Studio Code
- SQL
- UX/UI Design
- GitHub
- Postman/ARC
- Teaching/Instruction
- Team Dynamics

## Project Highlights

### **“Monster Contacts” contact manager – LAMP stack**

- Collaborated with a team of five to develop a full stack LAMP (Linux, Apache, MySQL, and PHP) web application.
- Designed and implemented user friendly UI with CRUD operations using JavaScript, HTML and CSS.
- Retrieved, formatted, and displayed JSON data that was collected with PHP from a MySQL database on a Linux server.
- Adhered to strictly scheduled team meetings and followed a Gantt chart for organization and time management efficiency. All deadlines were met on or ahead of time; the full project from planning to presentation was completed on a one-month timeline.

### **“My Game List” – Node.JS web app**

- Implemented JavaScript Express API connected to MongoDB database.
- Designed routing system with restricted API routes using the JSON Web Token (JWT) module.
- Collaborated with a seven-member team to implement the API into a MERN stack application complete with mobile app.

### **“Magic Maze” maze solving algorithm – Java algorithm implementation**

- Collected variably dynamic maze input from user via text file.
- Constructed virtual instance of the user-input maze complete with a two-dimensional array for the traditional grid layout of the maze as well as dynamically constructed hash table of array lists for storing “teleport square” data.
- Implemented breadth-first-search graph traversal algorithm to calculate shortest route from start square to finish square for boards up to 1000x1000 spaces.

## Education

### **Bachelor of Science Degree in Computer Science, GPA: 3.6**

University of Central Florida - Orlando, FL

December 2023

### **Associate in Arts Degree in General Education, GPA: 3.5**

Valencia College - Orlando, FL

December 2020

**Related Coursework:** Object Oriented Programming(Java), Computer Science I (C Programming Language), Computer Science II(Java), Discrete Structures II(computational theory), Cryptography and Information Security(Java, C), Security in Computing(Java), Processes of Object-Oriented Software Design(full stack web development), Databases (SQL)

## Experience

### **University of Central Florida**

### **Undergraduate Learning Assistant (TA)**

Sep 2022 – Dec 2022

- Worked with Computer Science I Students to help them grasp fundamental programming concepts such as data structures and algorithms using the C programming language.
- Instructed students in both one-on-one and group style interactions during my in-person office hours.
- Set and maintained my own schedule while being held accountable primarily by myself.
- Assisted the instructor during exam days by ensuring an ideal testing environment for a lecture hall full of students.

### **Marlow's Tavern**

### **Bartender | Trainer**

Feb 2021 – Present

- Developed interpersonal communication skill while working with a large staff and hundreds of guests.
- Observed and followed food safety guidelines to ensure the health and safety of each guest that visits the tavern.
- Learned new skills by pursuing advancement opportunities such as a bartending position.
- Took a leadership role as a certified Bartender-trainer.

## Honors & Awards

- Member of The National Society of Leadership and Success. Fall 2021 – Present
- University of Central Florida's Dean's List for exemplary academic standing. Spring 2021 – Fall 2022
- Valencia College's Dean's list for exemplary academic standing. Spring 2019 – Spring 2022