

# BRYAN SORIANO

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## OBJECTIVE

Seeking a software engineering or software development internship to apply my strong programming skills and passion for technology, and to gain practical experience in the field while contributing to the success of a dynamic team

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## EDUCATION

*University of Central Florida- Orlando, Florida*

**Master of Science in Computer Science** GPA:3.4

**Graduation: Spring 2023**

**Bachelor of Science in Information Technology**

**Graduated: August 2021**

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## SKILLS

**Programming Languages:** C, Java, SQL, Python, Assembly, HTML, CSS, JavaScript, React

**Tools:** GIT, Bash, VS Code, MySQL, Microsoft PowerShell, JIRA, Windows Server, Virtual Box, Apache, Linux

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## PROJECT HIGHLIGHTS

### **Pacman AI**

**September 2022 – October 2022**

- Utilized general search algorithms to apply them to Pacman scenarios and simulate AI search
- Programmed search algorithms that calculated optimal paths to solve various Pacman mazes
- Utilized analytical skills to identify and resolve bottlenecks in the processes, resulting in a 10% increase in efficiency

### **Simple C compiler**

**January 2022 - March 2022**

- Developed a C compiler from scratch in Java language to interpret C like syntax such as while, if and assignments
- Successfully compiled a variety of C programs using the compiler, including programs with complex control and data types
- Utilized software development skills in project planning, coding, testing, and debugging to ensure the compiler functioned correctly

### **Storefront Full Stack Web app**

**January 2021 - March 2021**

- Developed a full stack web application with a graphical user interface (GUI) that displayed the current state of a database
- Implemented a Java servlet that could interpret SQL commands from a webpage and query a database
- Created a backend SQL server to store and manage SQL queries from the front end
- Utilized a variety of tools and technologies including Java, SQL, and HTML/CSS, to develop and test the web application

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## EXPERIENCE

### **IT Help Desk Support - KPMG, US**

**November 2021 - April 2022**

- Assisted IT department to resolve tickets for Hardware and Software related issues
- Provided first-level desktop support for computers and applications using remote assistance programs
- Improved efficiency by 30% through the implementation of scripts that automated routine tasks

### **Job Shadow Experience Software Engineer - Google: San Bruno, CA**

**August 2021 - August 2021**

- Selected as a participant in University's competitive matched single day job shadow program
- Shadowed Software Engineer at Google and gained understanding of position, career path, and organization to increase knowledge of skills needed to be successful in the industry

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## EXTRACURRICULAR

### **Society of Hispanic Professional Engineers**

**April 2021 – Current**

- Volunteered at events such as SHPE Jr., collaborating with Microsoft to bring STEM concepts to middle school students
- Participated in committees, including the technology committee, to improve the SHPE website and app
- Participated in GRADShpe to support the professional development of graduate students across the country

### **President of Phi Mu Alpha Sinfonia Fraternity: Orlando, FL**

**May 2020 - May 2021**

- Oversaw every aspect of the fraternity, including filling financial and weekly reports to the university
- Exemplified leadership by organizing events, working in a team of executive members and committees
- Awarded the spirit of O aware in recognition of exemplary leadership and dedication to the organization"