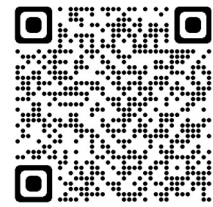


Peyton Marinelli

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Education

BACHELOR'S IN COMPUTER SCIENCE ENGINEERING (3.61/4.0 GPA)

May 2023

The University of Florida, Gainesville, Florida

ASSOCIATE'S OF ARTS (4.0/4.0 GPA)

June 2018

Broward College, Ft. Lauderdale, Florida

Experience

SOFTWARE ENGINEER INTERN, OPTUM (UNITEDHEALTH GROUP)

June 2021- August 2021

Hartford, Connecticut

- Monitor and analyze system health metrics for in-production software that assigns agents with active jobs.
- Develop scripts and dashboards using JavaScript/React.js to improve the response time of incidents.

SOFTWARE ENGINEER INTERN, UF NEUROSURGERY DEPARTMENT

January 2020- May 2020

Gainesville, Florida

- Developed a prototype web application that would allow patients to access appointment information
- Used the MERN stack in an agile scrum development cycle

ASSOCIATE, BED BATH AND BEYOND

May 2017- January 2019

Hollywood, Florida

- Demonstrated product knowledge as well as polite and friendly customer service
- Balanced customer transactions, phone calls, greeting customers, and other miscellaneous front-end operations

Involvement

PROJECT MANAGER, INTERACTIVE BATTLESHIP

August 2020-Present

Gainesville, Florida

- Designed and developed a multiplayer immersive battleship board game/mobile application
- Built and coded in python a physical battleship set with LEDs, motors, and other special effects
- Developed a mobile application in Unity and C # as the means for user input
- Developed the server backend in Golang to connect all devices and keep track of the game state with MySQL

DESIGN TEAM CAPTAIN, GATOR THEME PARK ENGINEERING AND DESIGN CLUB

August 2019-Present

Gainesville, Florida

- Designed and constructed a functional scale-model roller coaster
- Programed and integrated the electronics and control system for our projects
- Created a semester plan and was responsible for designated deliverables to team members

TEAM MEMBER, SOFTWARE ENGINEERING CLUB

August 2019-Present

Gainesville, Florida

- Contribute to a club-wide project for a student organization application
- Develop the frontend using React and backend using Node.js and Express.js

TEAM MEMBER, SHELL HACKS- LOOK AFTER

September 2020

Miami, Florida

- Developed a twitter tracker web application that pulled and analyzed account data
- Created the UI and backend for a desktop application using C#
- Used ASP.net MVC and the Google Natural Language Processing API

TEAM MEMBER, HACK FSU- LEND AN EYE

October 2019

Tallahassee, Florida

- Developed a desktop application that takes a news article and translates it to pictures
- Used C#, Google Cloud Services, Google Language API, Microsoft Azure, and Bing API

Technical Skills and Certifications

Programming Skills: C++, C#, Java, JavaScript, MongoDB, React, Express, MySQL, SQL, Node.js, HTML, CSS, git

Certifications: OSHA Construction Safety (2017), Six Sigma (2017), Autodesk AutoCAD (2016), Adobe Dreamweaver CS6 (2016), and Adobe Photoshop CS5(2015)