

TRENT HALAMA

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EDUCATION

AUG 2020 | KEY WEST, FL

ASSOCIATES OF ARTS, COLLEGE OF THE FLORIDA KEYS

GPA of 4.0 | Presidents Award for Fall 2019, Introduction to Computer Science.

MAY 2024 | LAKELAND, FL

B.S. COMPUTER ENGINEERING, FLORIDA POLYTECHNIC UNIVERSITY

GPA of 3.13 | Coursework in Object Oriented, Computer Architecture & Organization, Autonomous Robotics, and some previous coursework with Data Structures.

SKILLS

PROGRAMMING LANGUAGES:

C, C++, and Java experience in both coursework and personal projects. Currently studying C# and Python and in addition to working with formatting languages such as HTML and CSS.

SOFTWARES USED:

Arduino IDE, Microsoft Visual Studio and Code, IntelliJ, Microsoft Office Suites and Teams, GitHub, Canva, and Atom editor.

KEY PROJECTS

C++ BATTLESHIP GAME:

Practiced concepts of using the C++ language into a project that uses objects, exception handling, and using additional libraries to develop the game either in a multiplayer way, or individually.

ARDUINO SIMON SAYS GAME:

Using both C and C++ language with the Arduino IDE to develop a classis simon says game using register manipulation in both the ATMEGA328P chip and using the LCD Crystal class.

AUTONOMOUS 2-WHEEL ROBOT:

Using a combination of a Raspberry PI using a Python script for the camera, and C/C++ programming to develop an autonomous robot with path planning algorithm.

EXPERIENCE

MAY 2021 – MAY 2022 | MELBOURNE, FL

RESIDENT ASSISTANT, FLORIDA TECH RESIDENCE LIFE

Helped and planned activities for residents to help educate on policies and enjoy campus life, took leadership roles in event planning and was responsible for daily monitoring the hall.

SEP 2022 - PRESENT | LAKELAND, FL

VENDOR-EVENTS COORDINATOR, FLORIDA POLYCON

Participated in the planning process of a convention style event by communicating with outside vendors and working together with colleagues and faculty members of the University.