

# 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, Coursework in Introduction to Computer Science.

MAY 2024 | LAKELAND, FL

**B.S. COMPUTER ENGINEERING**, FLORIDA POLYTECHNIC UNIVERSITY

GPA of 3.48 | Deans list, Coursework in Object Oriented, Computer Architecture & Organization, Autonomous Robotics, Circuits, Data Structures & Algorithms, and Network Fundamentals.

## SKILLS

### PROGRAMMING:

C, C++, Python, HTML, CSS, JavaScript, and Java. Still learning new languages and can adapt quickly to new ones such as C# and many more.

### SOFTWARE:

Arduino IDE, Microsoft Visual Studio and Code, IntelliJ, Microsoft Office Suites and Teams, GitHub, PUTTY, Google Collab, MATLAB.

## KEY PROJECTS

### ARDUINO SIMON SAYS GAME:

Using C++ language with the Arduino IDE to develop Simon says game using register manipulation to control the ATMEGA328P Chip and to display using LCD Crystal.

### TWO-WHEEL ROBOT:

A combination using a Raspberry PI (Python language) and an Arduino Uno (C++ language) integration to develop a semi-autonomous robot that uses a basic path-planning concept achieved using an ultrasonic sensor.

## EXPERIENCE

MAY 2023 - AUG 2023 | TALLAHASSEE, FL

**INTERNSHIP**, NETTALLY

A small internet company based in Tallahassee, worked on database fundamentals and in addition to learning web development to create a web page for the company.

SEP 2022 - PRESENT | LAKELAND, FL

**VICE PRESIDENT OF VENDORS**, FLORIDA POLYCON

Participating 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.

OCT 2023 - PRESENT | LAKELAND, FL

**ENGINEERING REPRESENTATIVE**, FLORIDA POLY SGA

Representing the student body of the Student Government Association at Florida Polytechnic University in terms of activities, academics, and allowing more opportunities available for students in Engineering related fields.