|  |
| --- |
| 4338 Trizza Court, Katy TX 77493 • 985-789-7294 • jamchenry98@gmail.com |
| Josh McHenry |
| Summary |
| Computer engineering student, with experience in modern technology, communication, and working under pressure, seeking an internship or entry-level position to apply and enhance my knowledge in the field of electronics and engineering. |
| Education |
| 2018 - 2021 | Cullen College of Engineering | Houston, TX |
| Bachelor of Science in Computer Engineering* Graduated Spring 2021
* GPA – 3.81 – Magna Cum Laude
 |
|  |
| 2016 - 2018 | Blinn College | Bryan, TX |
| * Transferred to Cullen College of Engineering, University of Houston in 2018
* GPA – 3.61 – Dean’s List
 |
| Work Experience |
| 2016 - 2021 | Country Inn & Suites by Radisson | Katy, TX |
| Front Desk Manager* Expected to communicate professionally with customers
* Improved multitasking ability
 |
| 2014 – 2016 OfficeMax Katy, TXSales Associate* Sold technology such as laptops, routers, printers, monitors, and tablets
 |
| **Projects** |
| Autonomous Wall Following Robot (Maze Solver)* Programmed in CCS with Tiva-C TM4C123G ARM Microcontroller using RTOS
* Utilized Bluetooth communication to transmit and receive information
* Equipped with analog IR distance sensors, digital light sensors, dual motor driver, PID controls, and data collection capabilities

Automatic Controls Demonstration* Senior design project to incite curiosity in controls engineering
* Nema motor configuration, 3D modeling, transfer function implementation

FPGA-Based Binary Math and Simon Says Games* Designed in Verilog using Intel’s Quartus Prime and ModelSim software
* Both games are controlled by numerous Verilog modules that operate simultaneously

Battery Project – Researched and studied the properties of AA batteriesFour-bit adder and SRAM – Designed and assembled using logic gate and transistor IC chips |
| **Skills** |
| * Experience using Matlab, Excel, C/C++, ARM Assembly, Java, SketchUp Pro, Verilog and CCS
* Computer proficiency, communication, problem solving, and multi-tasking

**References** |
| References are available upon request. |