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| 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 | | | |
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| 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 batteries  Four-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. | | | |