Jeremy Hester

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Education

Texas State University   **Fall 2017 - December 2023**

Ingram School of Engineering & McCoy School of Business

BS Electrical Engineering - Computer Engineering

Minors - Applied Mathematics, Computer Science, Business Administration

Skills

- Proficient in C/C++, JavaScript, familiar with Python, Verilog, and Unix systems
- Microprocessor and Microcontroller technology, embedded systems
- System design and analysis
- Team management, communication, and training

Projects

Portable Heat Island Data Logger   August 2022 – December 2022

A small, lightweight, and portable device that tracks information on temperature, humidity, and location as a user is walking. This data can be used for heat island tracking/visualization and had a creative implementation of hardware and software to meet the size, weight, and cost requirements of the project.

Work History

TRC – Power System Studies Intern   January 2023 – Present

- Performed power grid studies and made suggestions for changes to improve aspects of grid performance.
- Utilized CYME to simulate and test grids.

Tantra Coffeehouse - Assistant General Manager   July 2018- January 2020

- Oversaw the operation of the restaurant, managed a team of 19 employees
- Made schedules, did weekly ordering, and created employee handbooks
- Uploaded all items into a database (Foodager) to analyze cost/pricing, track inventory, and set up automatic ordering
- Implemented PoS (Breadcrumb/Upserve) and tied it to our Foodager database