Tyler Ethan Baber
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Education

Bachelors of Science - Computer Engineering

Mississippi State University   May 2024

Employment History

IT/Media Director & Network Engineer
- Implemented a Wifi Network Across a 1.75 Acre Campus
- Constructed and Networked a Computer Lab
- Recorded, Edited, Uploaded, and Managed Videos and Livestreams

Ecru Second Baptist Church

P.O. Box 203, Ecru, MS 38841 (662)483-5361   March 2020 - Present

Mathematics Tutor
- Tutor college students in mathematics from College Algebra through Differential Equations
- Tutor computer programming when programming tutor is not available

Mississippi State University

P.O. Box 9556, Mississippi State, MS 39762 (662) 325-5198   January 2023 - Present

Relevant Project Experience

Electrical/Computer Engineering Design II
- Team Leader/Project Manager
- Software Developer

Microprocessors
- Build Breadboard Circuits, Program Microcontrollers in C++ and Assembly Code

Digital Devices
- Build Breadboard Circuits, Program Microcontrollers in C++

Data Structures
- Program Complex Data Structures to Complete Tasks in C++ and C

Intermediate Computer Programming
- Program Solutions in Various Compilers in C++ and Python

Intro to Computer Programming
- Program Solutions in Various Compilers in Python

Intermediate Electronic Circuits
- Build Breadboard-based Rectifiers and Transformers

Digital System Design
- Use FPGAs to Control Various Hardware Tasks

Advanced Electronic Circuits
- Design and Build Upon a PCB From Scratch

Embedded Systems
- High Level Dissection and Analysis of Electronics

Special Skills

Fluent In C, C++, and Python

Small Electronics Repair Experience

Personal Computer Construction, Maintenance and Repair Experience

Experience Working In a Team On a Single Programming Project

Experience Engineering Small and Large Scale Internet Networks