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New Caney, TX

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Texas A&M University
400 Bizzell St
College Station, TX

PROFESSIONAL SUMMARY

After college I hope to change the standards of the A/V industry by making educated consumers, bringing great media experiences to all price points, and providing easy-to-use software to control large scale media projects. I would love to travel around the nation and interact with companies and cultures around the world. I am driven to accomplish my goals and strive to surpass people's expectations of me. My favorite job experience has been teaching people and helping to solve practical problems within my community.

EDUCATION

Texas A&M University (3.825)
Computer Science, m. Cyber Security

College Station, TX
05/2023

Stephen F. Austin High School (3.76)
Graduated Summa Cum Laude
Top 10% of graduating class with honors

Sugarland, TX
05/2019

COURSEWORK

- Analysis of Algorithms (C++)
- Computer Systems
- Programming Studio (Python, CSS, JS, HTML, PHP, MySQL)
- Data Structures (C++)
- Discrete Structures and Mathematics
- Programming Languages (Scheme, Java)
- Computer Organization(HDL,ASM)

SKILL SET

Technical Skills

- Audio Installation
- Sound Mixing
- Broadcast Networking
- C++
- Java
- Python
- CSS
- JavaScript
- HTML

Professional Skills

- Team Management, Teaching, and Interpersonal Communication
- Debugging, Troubleshooting, and Code Review

EXPERIENCE

Telemundo Houston | KTMD *Dec 2020 – January 2021*

Computer Engineer / IT Intern 40 hours

- Upgraded chipsets in news cameras
- Designed/installed a server rack with audio, visuals, and editing in a remote broadcast truck
- Maintain servers and software for news broadcast, including systems used by 40 in-station editors and managers (Unity, Stratus editing, KVM, Dejero encode/decode)

- Maintained and deployed new technology to associates including cellular phones, laptops, TV station cameras, video encoding boxes

Texas A&M University *July 2020 – Present*

Teaching Assistant for Discrete Structures *10 hours*

- Taught and assisted engineering students through one on one sessions to understand Discrete Structure and Analysis of algorithms
- Developed a higher level of understanding of analysis of algorithms through peer teaching

Home Depot *April 2020 – August 2020*

Deliveries Associate

- Prepared and delivered 10 deliveries of lumber and concrete onto delivery trucks from the warehouse every day
- Interacted with and grew personable skills with customers in customer service center

KEY PROJECTS

TV Station Equipment Upgrade – *Telemundo Inc.*

- Installed chipsets into all new station cameras allowing them to store video and be used by emergency first responders for quicker broadcast
- Deployed new phones, connecting 28 field reporters to the corporate network, equipped with faster data chips and more reliable internet connection for emergency broadcasts

A/V Installation – *Brian Consolidated*

- Installed and tested 3 sound systems for different high school graduation ceremonies
- Ran live sound at event and learned audio mixing and effects

Live Worship Setup – *Antioch Community Church*

- Set up a portable live band stage for various worship nights in Bryan/College Station
- Ran live sound mixing and communication with music director from the stage

Music Production – *Personal Music Recording*

- Produced 3 fleshed-out songs at home during quarantine
- Used many free and payed effects plugins and discovered a zeal for making my own in a future project

ACTIVITIES AND HONORS

Engineering Team Lead – Intro to Engineering 2019

- Served as a project lead for a Python based video game with 4 developers
- Developed a video game closely resembling popular Japanese RPG “Pokémon”

Drum Major – Austin High School Band 2019

- Represented a band of 140 students at national conferences and competitions
- Taught students’ intricate styles of marching and formations, as well as directing musical compositions

REFERENCES

Philip Muller – Supervising Manager at KTMD Telemundo Houston

- (281)-684-8678

Melanio Polanco – Co-worker at KTMD Telemundo Houston

- (832)-306-8821

Jonathan Stone – Sound Engineer at Antioch Community Church

- (979)-324-0361