

**3645 Welbourn Road**  
Apt 434 Bryan, TX

**Sean Daniel Davis**  
[s.davis@tamu.edu](mailto:s.davis@tamu.edu)  
214-799-7708

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

## PROFESSIONAL SUMMARY

---

After graduating, I desire to elevate my skills and serve within my country, creating easy to use, reliable software that inspires real change in the way people live. 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. I hope to use this opportunity to learn crucial technical skills and meet new people around the world.

## 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

- C++
- Java
- Python
- CSS
- JavaScript
- HTML
- React JS
- Linux/UNIX

### Professional Skills

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

## EXPERIENCE

---

**Telemundo Houston | KTMD** *Dec 2020 – January 2021*

Computer Engineer / IT Intern *40 hours*

- Analyzed the anatomy of a cyber-attack and defense in the field of TV broadcast
- Maintain servers and software for news broadcast, including systems used by 40 in-station editors and managers (Unity, Stratus editing, KVM, Dejero encode/decode)
- Learned life cycle of an IP address in computer networking and broadcast
- 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

**Sneeze** – *Texas A&M Game Developers*

- Worked with 2 other developers to fully deploy a small video game called “Sneeze” from start to finish. *Responsibilities:* movement mechanics, path tracking and AI movement.

**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

## **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”

**Project Member** – Aggie Coding Club 2020

- Contributed research and brainstorming for a project to build a custom voxel engine before COVID-19 ended the project.

**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

**Marsha Gatling** – Supervisor at Home Depot (Summer 2020)

- (281)-799-5743

**Treyton Zanutto** – Roommate / Informal Reference

- (832)-612-8546