Christian Michael Hurst

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EDUCATION

Texas A&M University, College Station, Texas
Bachelor's Degree in Electronic Systems and Engineering Technology (ESET)
Student from Fall 2018- Current

Blinn College, Brenham, Texas
Associate's of Science in General Engineering
Blinn, Brenham/A&M Engineering Academy from Fall 2018- Spring 2020

Stephen F. Austin University, Nacogdoches, Texas
Dual Credits Hours from Fall 2014- Spring 2018

Woden High School, Woden, Texas
Diploma received in May, 2018

EXPERIENCE

Woden ISD, Woden, Texas
Technology Assistant, June 2017 – Current
- Diagnosing and Repairing Malfunctioning Computer Software/Hardware
- Diagnosing and Configuring network devices such as campus routers, switches, firewalls, servers, and various cloud-managed devices
- Performing Maintenance and Upgrades to Campus Networking and Security such as Firewall configurations and managing DNS/DHCP services
- Assisting Staff/Admin with Active Directory logins, updating Firewall configurations and similar support tasks

Uber Eats, College Station, Texas
Delivery Driver, January 2021- Current

DoorDash, College Station, Texas
Delivery Driver, May 2021- Current

RELEVANT COURSEWORK COMPLETED

Circuit Analysis (ESET 210)	Analyzed, designed, constructed and tested DC Circuits (R,L,C)
Power Systems & Circuit Applications (ESET 211)	Constructed and tested AC Circuits with various power loads (R,L,C)
Digital Electronics (ESET 219)	Utilized design software such as Multisim to create digital circuits
Embedded Systems Development in C (ESET 249)	Programming in C for the MSP432P401R from TI
Cybersecurity Digital Ethics (TCMG 308)	Learned about technical cybersecurity ethics, management, and similar coursework
Local Metropolitan Area Networking (ESET 315)	Technical setup, configuration, and testing of basic LAN & WAN networking with various relevant protocols
Analog Electronics (ESET 350)	Analyzed, designed, constructed and tested various DC and AC Circuits using diodes, semiconductors, transistors, MOSFETs, and similar components
EMAG & High Frequency Systems (ESET 355)	Setup, testing, and analysis of high-frequency systems
Embedded Systems Software (ESET 369)	Advanced C and Assembly language programming/debugging

RELEVANT COURSEWORK PLANNED

Current (Spring 2022)	Applicability	Expected Completion
Electronic Instrumentation (ESET 359)	Fundamentals of ADC and DAC	May 2022
Advanced Network Systems and Security (ESET 415)	Analysis, setup, diagnosis and verification of various advance networks	May 2022
Embedded Real-Time Software Development (ESET 469)	Real-Time Operating Systems (Ti RTOS and Free-RTOS) Programming	May 2022
Engineering Capstone 1 (ESET 419)	Capstone I- Project Management and Design	May 2022
Fall 2022		
Electronics Test 1 (ESET 353)	Testing Analog and Mixed signal devices	December 2022
Engineering Capstone 2 (ESET 420)	Capstone II- Design, Development, and Testing	December 2022

LICENSES

- Amateur Radio (HAM) Technician License: November 30, 2021
- Amateur Radio (HAM) General License: February 18, 2022 – 2032

SKILLS

- Extensive knowledge of Computer Installation, Diagnosis, Repairs and Maintenance
- Microsoft Office Applications
- G-Suite Services with Knowledge of Google Admin Tools
- Adobe Suite Applications (Primarily Photoshop & Premiere)
- Experience with Videography & Video Editing
- Python Coding Language
- C/C++ Coding Language
- HTML Coding Language
- Extensive Knowledge of Windows and Linux Operating Systems
- Familiar with ARM Processor Architecture (Raspberry Pi) and other Popular Linux Operating Systems
- Familiar with VMWare Servers and similar Virtual Machines
- Experience with PCB Design, wiring, and soldering
- Experience with RF Antenna Design and Testing
- Familiar with RF Design
- Experience with Radio Transmissions and Communication Protocols for HF/VHF/UHF Bands

PROFESSIONAL ORGANIZATIONS & ACTIVITIES

TAMU Amateur Radio Club, Member, Spring 2022 - Current
Blinn Engineering Club, Member, August 2018 – May 2020
National BETA Club Alumni Association, Alumni, Spring 2018 – Current
National BETA Club, Officer, August 2017- May 2018
National BETA Club, Member, August 2012 – August 2017