

Nestor Toscano

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EDUCATION

Texas A&M University

Aug. 2023 – May 2027

Bachelor of Science in Computer Engineering

College Station, TX

- **Current GPA:** 4.0/4.0
- **Courses:** Intro to Computer Systems, Signals and Systems, Computer Arch and Design, Program Design & Concepts, Computing in Python, Data Structures & Algorithms, Discrete Structures Computing, Intro to Digital System Design, Electrical Circuit Theory

Trinity Valley Community College

May 2021 – May 2023

Associate's in Liberal Arts

Palestine, TX

- **Cumulative GPA:** 4.0/4.0

WORK EXPERIENCE

Peer Teacher (upcoming)

August. 2025 – December. 2025

Intro to Digital Systems Design | Texas A&M University

College Station, Tx

- Selected to support instruction for foundational digital logic course using Verilog and simulation tools.
- Will assist students during lab sessions, answer technical questions, and provide feedback on assignments.
- Collaborate with course instructor to facilitate student learning and engagement.

PROJECTS

Self-Hosted Web & DNS Server - [GitHub](#) | [Website](#)

July. 2025

Personal Project | Ubuntu Virtual Private Server

Palestine, Tx

- Hosted an authoritative DNS server with BIND9 and a website via Apache2 on a VPS, later migrated to Raspberry Pi 4
- Installed and configured PHP, MySQL, and WordPress on Linux CL, including file permissions, database setup, and security hardening.

Spotify Album Display with Raspberry Pi - [GitHub](#)

May 2025 – June 2025

Personal Project | Raspberry Pi Zero, RGB LED Matrix

College Station, Tx

- Built a functional display system that shows currently playing Spotify tracks using a Raspberry Pi Zero and a 64x64 RGB LED matrix.
- Configured the Spotify Web API to fetch currently playing track data using OAuth to display on LED panel
- Gained hands-on experience using the command line to install packages, configure software, and edit files.

TECHNICAL SKILLS

Operating Systems: Linux (Ubuntu), Windows

Languages: C/C++, Python, Verilog HDL, LaTeX, JavaScript, HTML/CSS

Developer Tools: VS Code, Git, Docker, Vivado, Bambu Lab Studios

Libraries: SymPy, NumPy, Matplotlib

APIs: Spotify Web API

ACTIVITIES & LEADERSHIP

Aggie Coding Club

Aug 2024 – May 2025

Club Member

College Station, TX

- Attended workshops about technologies like full stack development along with company and former student talks
- Learned and created coding projects with other members

Texas A&M Game Developers

Aug. 2024 – May 2025

Club Member

College Station, TX

- Attended workshops about game development techniques and processes along with student and industry speakers