

Andres Torres

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EDUCATION

B.S. Electrical & Computer Engineering, The University of Texas at Austin	May 2027
Engineering Honors Program	
GPA: 3.00	
United Engineering Technology Magnet High School	May 2023
GPA: 106.4583	

WORK EXPERIENCE

Server, Alamo Drafthouse Cinema	Summer 2023 – Summer 2025
Web Developer (Self-employed/freelance)	Summer 2023 – Present

PROJECTS

Personal Portfolio Website - www.andrestorresjr.com	Summer 2023
Buck Converter	Fall 2023
<ul style="list-style-type: none">Designed and tested a functional buck converter.	
Dumbbell Rack Safety Tool	Fall 2022
<ul style="list-style-type: none">Prototyped a device to eliminate the common inconvenience of jamming fingers when returning dumbbell weights to their rack.	
Space Invaders Video Game	Fall 2024
<ul style="list-style-type: none">Interfaced and programmed a functioning video game entirely in C using the TI MSPM0 microcontroller.	
FSM Street Light	Fall 2024
<ul style="list-style-type: none">Interfaced and programmed a functioning street light model finite state machine approach.	
AI Agent	Summer 2025
<ul style="list-style-type: none">Programmed a functional AI agent that searched the web for scholarship opportunities that pertain to ECE using Python.	

RECOGNITIONS & SKILLS

Dell Scholar	Fall 2023 – Present
Hispanic Scholarship Fund Scholar	Fall 2021 – Present
May's Business School Transformational Leadership Academy	Fall 2022
UETM Leadership Conference Board	Spring 2023

Certifications – AutoCAD, Autodesk Inventor, Fusion 360

Software – KiCad, LTspice, Fusion 360, Excel, SolidWorks, VS Code

Languages – Fluent in Spanish and English; C/C++, Python

Interpersonal skills – Communication, Leadership, Time Management, Teamwork, Detail-Oriented, Punctual, Problem-Solving

EXTRACURRICULAR ACTIVITIES

Society of Hispanic Professional Engineers (SHPE)	Fall 2023 – Present
Institute of Electrical and Electronics Engineers (IEEE)	Fall 2023 – Present
Project M.A.L.E.S./I.M.P.A.C.T. Mentor	Fall 2024 -- Present
San Luis Rey Church Altar Server	Fall 2014 – Summer 2023
San Luis Rey Church Camp Assistant	2019 – Summer 2023
B.E.S.T Robotics	Fall 2022 – Spring 2023