

Andres Torres

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EDUCATION

B.S. Electrical & Computer Engineering, The University of Texas at Austin

May 2027

Engineering Honors Program

GPA: 3.002

United Engineering Technology Magnet High School

May 2023

GPA: 106.4583

WORK EXPERIENCE

Server, Alamo Drafthouse Cinema

Summer 2023 – Present

- Manage high volumes of customers by taking and executing orders to provide excellent service.
- Led group of four servers on busy premier weekends by distributing tasks and motivating the team.

Web Developer

Summer 2023 – Present

- Personal freelance business run by me.

PROJECTS

Buck Converter

Fall 2023

- Designed and tested a working buck converter during my first semester of electrical engineering.

Dumbbell Rack Safety Tool

Fall 2022

- Designed and prototyped a device to eliminate the common inconvenience of jamming fingers when returning dumbbell weights to their rack.

Personal Website Creation

Summer 2023

- www.andytorresjr.github.io

- One stop for all my services provided as well as my portfolio, contact information, resume and background.

Space Invaders Video Game

Fall 2024

- Interfaced and programmed a functioning video game entirely in C using the TI MSPM0 with a resistor slide pot as input, LCD screen as output along with a speaker.

FSM Street Light

Fall 2024

- Interfaced and programmed a functioning street light using the Moore finite state machine approach using buttons as inputs and LED bulbs as output.

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