



Nicolas Capetillo

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EDUCATION

Texas Tech University, Lubbock, Texas Expected Graduation: May 2028
Bachelor of Science in Computer Engineering w/ a minor in Robotics **GPA: 3.21**

WORK EXPERIENCE

Texas Tech University Hospitality Services, Chick-Fil A, Lubbock, Texas August 2024 – Present
Front and Back of House Team Member

- Work 15-20 hours per week while maintaining full time course load.
- Applied problem-solving and attention to detail to provide efficiency and accuracy in daily responsibilities.

Stefano's Brooklyn Pizza, Harlingen, TX May 2025 - August 2025
Busser

- Adapted to important team needs while managing multiple tasks under pressure.
- Supported fast pace dining operations by clearing and resetting tables efficiently.

Pizza Staff December 2025- January 2026

- Collaborated with kitchen and serving staff to ensure timely order completion.

ENGINEERING PROJECTS

FPGA Countdown Timer | Verilog, Vivado, Digital Logic, CMOS A7-35t
ECE-2372 Capstone Project

- Developed an FPGA-based countdown timer using Verilog, featuring dual-button control (start/reset) and seven-segment display output.
- Implemented clock management, control logic, and hardware I/O interfacing on an FPGA board.

INVOLVEMENT

Robotics and Advanced Tech Society

Active Member August 2024 – Present

- Broaden programming and hardware skills through hands-on Robotics projects.
- Developed and implemented Arduino code for our IR transmitter and receivers.

Society of Hispanic Professional Engineers

- Build professional skills and connections through workshops and networking events.
- Collaborated with peers on service and academic initiatives that support Hispanic representation in STEM and campus life.

Fall '25 SHPE Mentor Chair August 2024 – Present

- Assist in running the SHPE Mentorship program and events held by the SHPE mentorship officer.

VOLUNTEER EXPERIENCE

South Plains Food Bank Warehouse Help, Lubbock, Texas February 2025

- Aided in building and distributing daily food boxes to the clients of the South Plains Food Bank.

Ronald McDonald House Clean-Up, Lubbock, Texas September 2024

- Helped clean and maintain facilities to support families of hospitalized children.

Habitat for Humanity, Lubbock, Texas August 2024

- Assisted in building and renovating homes for underserved communities.

SKILLS AND CERTIFICATIONS:

- Beginner in Python, Arduino, and C++ Programming, HTML, JavaScript, and CSS, Linux, Git.
- Certified in Microsoft Word and Excel
- Recipient of the Stars Scholarship, Chick Fil A Remarkable Futures Scholarship, and Hispanic Technology Executive Council (HITEC) Scholarship.
- '23-'24 NASA Hunch Finalist