

LEONARDO GONZALEZ

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Engineering, Minor in Philosophy

May 2025

GPA: 3.02/4.00

TECHNICAL SKILLS

Programming Languages: C, C++, System Verilog, x86 Assembly, CUDA, Python, Java, SQL

WORK EXPERIENCE

Boeing Test & Evaluation

Seattle, WA

Product Security T&E Intern

May 2024 – August 2024

- Performed penetration testing on multiple aviation systems including 787 and 777x Legacy avionics systems
- Developed and deploy attacks for 787 and 777x Legacy avionics systems to test resiliency of defenses
- Collaborated with a team of Product Security Interns to develop 2 Python GUI applications for document generation and specifications for customers, outlining dedicated resources to project efforts and outcomes

Deloitte Global Technology Services

Chicago, IL

Cybersecurity Analyst Intern

June 2023 – August 2023

- Lead discussions as a part of a team of professionals conducting a standardized security posture assessment that investigated the cybersecurity posture of 20 different Deloitte firms located in various locations across the world
- Mapped NIST CSF to Deloitte Global standards to align 36 security controls with Deloitte Firm strategy for increased security posture
- Created an archive of artifacts through the ServiceNow platform to assist in effective artifact submission, reducing friction in performing assessments of the cybersecurity posture of Deloitte firms

LEADERSHIP/ACTIVITIES

Society of Professional Hispanic Engineers (SHPE)

Champaign, IL

Student Advisor

August 2024 - Present

- Developed continuous feedback gathering mechanism, allowing for the collection and analysis of asynchronously recorded feedback from various members across all committees within the SHPE UIUC Chapter
- Organized and executed 4 General Body Meetings for the Chapter with an average attendance of ~140 members
- Conduct monthly Mental Health Awareness events in collaboration with external organizations (University Counseling Center, Grainger Department of Engineering, etc.)

MentorSHPE Lead

September 2023 – Present

- Organized a mentorship program called MentorSHPE this past semester with prominent companies like Motorola Solutions, Boeing, and ARCO/Murray, pairing 15 students with mentors in their respective field
- Developed a resource drive for Engineering Ethics Cases and a structure for an Engineering Ethics Case Studies, used by students as a part of the project they would take on with their mentor
- Consistently and often offered MentorSHPE Office Hours, which created the space for both mentors and mentees to ask questions and voice concerns about the program

Morrill Engineering Program (MEP)

Champaign, IL

Welcome Committee Member

Spring '23, Spring '24

- Consistently communicated with 73 students (in Spring 2023) and 153 students (in Spring 2024) from BIPOC backgrounds to encourage application to the University, with a ~70% acceptance rate of those who applied

Peer Mentor

May 2022 – December 2022

- Mentored freshman and transfer students from BIPOC backgrounds, assisting them with campus adjustment
- Organized activities around developing interpersonal and learning skills necessary to be a well-rounded engineer

PROJECT HIGHLIGHTS

Deloitte Global Innovation Challenge

Summer 2023

- Researched prominent natural flooding currently affecting the business continuity of Deloitte firms in India and Indonesia, idealizing a solution to strategically build >23 alternate workspaces to function as emergency shelters for Deloitte employees

FPGA Mario Game Project

Spring 2023

- Collaborated with partner to create a Super Mario Bros platformer on the DE-10 Lite Intel FPGA
- Implemented screen scrolling via VGA, interacting with sprites with proper implementation of USB protocol

AWARDS

Honors/Awards: President's Scholarship (2020-2024), AP Scholar with Honors (2020)