



# Juan De Leon-Gonzalez

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## EDUCATION

**University of South Carolina – SC Honors College – Columbia, SC**

**Graduating May 2028**

*Computer Engineering*

- Bilingual, First-Year, First-Generation, Honors student interested in software and hardware development.

**Greenwood High School – Greenwood, SC**

**Graduated May 2024**

*Salutatorian — GPA: 5.6135 Weighted; 4.0 Unweighted*

- Delivered initial speech inviting graduates to walk the stage, inspiring them toward their futures.
- Received Abney Foundation Scholarship (\$1K) for promising academics, volunteering, and leadership.

## PROJECTS

### Cloud-Based Server

- Deployed an Oracle Cloud Shell server utilizing Ubuntu Linux to allocate resources efficiently and remotely.
- Implemented networking settings, such as firewall and port management, to ensure secure and reliable remote access.

### AutoDesk 3D CAD Models

- Designed a custom plant pot with a removable drawer to reduce waste of water and promote resource conservation.
- Modeled a door sign to indicate if someone is in or out of the dorm to promote communication of resident location.
- Constructed a replacement tumbler cap for one that was broken, allowing for 3D printing to reconstruct it.

### Electronic Dice Roller

- Soldered a circuit board to create an electronic dice roller that displays a random number between 1 and 6 via LEDs.
- Implemented the circuit board by integrating electronic components and circuit logic for the dice roll display.

## ORGANIZATIONS

**Society of Hispanic Professional Engineers (SHPE)**

**August 2024 – Present**

*Member*

- Fostered connections and community within the organization while fundraising at events and fairs to expand the club.

**Institute of Electronic and Electrical Engineers (IEEE)**

**August 2024 – Present**

*Election Committee Member*

- Design and test circuits to gain a profound and hands-on experience of the electronics and electrical field.
- Served on the Election Committee in the Columbia Section leading event promotion using vTools, verifying nominee eligibility, and managing bios and position statements, ultimately supporting the effective transition of leadership.

## LEADERSHIP EXPERIENCE

**G. Frank Russell Technology Center — Advisory Committee Representative**

**August – December 2023**

- Delivered a presentation to the RTC faculty representing the students in the Engineering and Computing fields.
- Provided a student's perspective, leading to in-depth and rigorous classes in the Computer Programming Department.

**Peer Tutoring — Tutor**

**August 2023 – May 2024**

- Tutored and taught fellow students with a specialty in Pre-Calculus, Trigonometry, Calculus, and Spanish Language.
- Explained concepts into sizeable portions to clarify and add to previous knowledge, harboring better academic scores.

**Student Interpreter — Spanish & English**

**July 2023 – May 2024**

- Provided translation between Spanish and English for families at a clinic to ensure equitable access to medical care.
- Translated at school events to keep families informed on news, fairs, student success, and other vital information.

**Mock Trial — Defense Attorney**

**August 2023 – February 2024**

- Brainstormed a legal presentation regarding ethics of AI autopilot within a team to publicly speak to jury and judges.
- Presented a defense and creatively objected to opposing arguments in a real-world case scoring 8/10 on judge's terms.

## HONORS AND AWARDS

Global & SC Seals of Biliteracy  
Dean's Scholar (\$3K)

AP Scholar with Distinction  
SC Palmetto Fellows (\$6.7K)

STEM & World Language Seals  
Presidential Scholar Semifinalist (\$1K)

## SKILLS

JavaScript  
Python  
Java

Linux Kernel and Distributions  
Command Line Usage  
Fluent Spanish Translation

Circuits and Logic Boards  
Autodesk CAD: Fusion 360  
Computer Repair