Saul Burns

El Paso, TX | saulburnss@gmail.com | linkedin.com/in/saul-burns | github.com/SaulBurns | +1 (915) 505-3415
Programming Languages: Java, Python, C, C#, PHP | *Technologies & Tools*: React, Firebase, DevExpress, HTML, CSS

EDUCATION

University of Texas at El Paso | *Bachelor of Science in Computer Science*   *Expected Graduation:* **December 2026**
- Cumulative GPA: 4.0/4.0
- Relevant Coursework: Automata, Data Structures and Algorithms, Discrete Structures, Computer Organization
- Awards & Honors:
    - Dean's List: Fall 2024, Spring 2025
    - University Honors Program – Current Member
    - NSF (S-STEM) Scholar
- Fast Track Program: Pursuing graduate-level coursework toward an M.S. in Artificial Intelligence

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RELEVANT EXPERIENCE

Microsoft Explore Intern, Azure Core   *Atlanta, GA* | **May 2025 – August 2025**
- Analyzed latency in a key operations responsible for preparing server hardware for production using **Kusto Query** Language, identifying inefficiencies and contributing to a redesign that improved readiness speed by **20%**.
- Enhanced the Hardware Management System UI with **C#**, adding manual operation triggers that reduced delays and improved control during hardware provisioning and maintenance.
- Collaborated with interns and mentors in an **agile** environment, presenting findings and driving improvements that helped accelerate infrastructure availability across Microsoft's data centers.

IT Assistant, Frontier Roofing Supply   *El Paso, TX* | **April 2024 – September 2024**
- Provided daily technical support, resolving hardware and software issues to maintain seamless staff operations.
- Set up and configured equipment (computers, laptops, printers, and software), improving workplace efficiency.
- Boosted security around the facility by installing **IP** cameras and antivirus across all domain computers.
- Enhanced the company's software interface with **C#** and **DevExpress**, improving usability and staff productivity.

ACTIVITIES / LEADERSHIP

Google Developer Group Hackathon   *El Paso, TX* | **September 2024**
- Collaborated with a team of four to develop an interactive website to raise awareness and support the local community by enabling donations of food, clothing, and money to areas with limited resources. Utilized **JavaScript**, **React**, and **Firebase** to implement user authentication, real-time updates on shelter resource availability, and data access.

Mentor, UTEP Google Developer Groups Mentorship Program   *El Paso, TX* | **August 2025 – Present**
- Provide one-on-one mentorship to a Computer Science student to improve grades and career readiness.
- Facilitate weekly sessions focused on coding practice, mock interviews and personal project development.
- Offer guidance on technical concepts and profession networking to support internship preparation.

PROJECTS

Sudoku Solver, University Project (Spring 2025)
- **Python** program to solve Sudoku games, the main steps were scanning the initial game state and storing data in **lists**, **sets**, and **dictionaries** to find possible solutions for each cell on the board. Furthermore, a backtracking algorithm was implemented to solve complex levels.

Wordle Game, University Project (Spring 2024)
- Recreated the Wordle game using **Java** and reading an additional file (five-character word dictionary) to validate the guessed word exists to then stored in an array until the input word matches with the target word or the array became full, meaning the five guesses were made. Moreover, different **classes** and methods were implemented to improve performance and readability.