# JACKSON NACE

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## Education

**University of Houston**                                        **Graduation Date: May 2026**
*Bachelor of Science in Computer Science*                                        *Houston, Texas*

- Coursework: Data Structures and Algorithms, Computer Organization and Architecture, Object Oriented Programming, Statistics with R, Python, Discrete Mathematics, Mathematical Analysis, Linear Algebra, Calculus

### Certifications

- Microsoft Azure Fundamentals (AZ-900)

## Experience

**Derrick Corporation**                                        **March 2025 – Present**
*IT Intern*                                        *Houston, Texas*

- Troubleshot and resolved issues during the department's upgrade via re-imaging from Windows 10 to Windows 11
- Installed and configured devices, strengthening skills in re-imaging, Active Directory, and BIOS troubleshooting.
- Utilized Excel to manage and maintain an inventory of 110+ devices, including Computers, Simulation Robots, iPads, Cameras and Printers ensuring accurate tracking and updates.

**University of Houston - School of Nursing**                                        **August 2024 – February 2025**
*IT Student Assistant*                                        *Katy, Texas*

- Troubleshot and resolved issues during the department's upgrade via re-imaging from Windows 10 to Windows 11
- Installed and configured devices, strengthening skills in re-imaging, Active Directory, and BIOS troubleshooting.
- Utilized Excel to manage and maintain an inventory of 110+ devices, including Computers, Simulation Robots, iPads, Cameras and Printers ensuring accurate tracking and updates.

**Lavner Education**                                        **May 2024 – August 2024**
*Computer Science Intern*                                        *Houston, Texas*

- Independently led classes of up to 25 students in topics like High School C++, Python, Intro to AI, and multiple variations of Robotics classes. Ended my internship teaching over 200+ students.
- Successfully taught over 200+ students, effectively communicated to students with diverse technical backgrounds.

**Coder Kids**                                        **August 2023 – March 2024**
*Programming Tutor*                                        *Katy, Texas*

- Conducted 150+ personalized lessons for students aged 8-16, focusing on enhancing their programming skills.
- Adapted teaching to accommodate varied learning paces, boosting students' confidence and problem-solving abilities.

## Projects

**Mockey Interview** | *PostgreSQL, Node.js, Next.js, Express, TailwindCSS, Claude, Postman*        **Github Link**

- Engineered a mock interview game with Next.js and PostgreSQL, securing player data with password hashing and JWT.
- Integrated Claude AI as a virtual interviewer, offering real-time prompts and feedback on data structure tasks.

**Bleach Game** | *C++*        **Github Link**

- Created a turn-based battle system inspired by Bleach, with mechanics using inheritance and polymorphism.
- Developed a save/load system with file handling to ensure seamless continuation of gameplay sessions.

**MarketMentor** | *Python, React, Google Gemini, Postman, Auth0*        **Github Link**

- Developed and integrated the Google Gemini API, enabling seamless data retrieval and enhancing app functionality.
- Leveraged Postman to troubleshoot 7 API calls, ensuring smooth interaction between the frontend and backend.

## Skills

**Languages**: C++, Java, Python, JavaScript, SQL, R, TypeScript, HTML, CSS
**Cloud and DevOps**: Azure, AWS, Kubernetes, Docker
**Development Tools**: Linux, Windows, Git, Postman, Office 365
**Other**: CI/CD, Infrastructure Automation, Cloud Security, System Administration, Communication Skills, Leadership, Troubleshooting, Compliance, Problem-Solving, Technical Support, Customer Service