

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

- Just started!

University of Houston - School of Nursing

August 2024 – February 2025

IT Student Assistant

Katy, Texas

- Troubleshoot 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++, Python, JavaScript, SQL, R, 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