

David Osorio

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EDUCATION

Wesleyan University Middletown, CT
Bachelors of Arts May 2028

Prospective Double Major: Computer Science, Mathematics, GPA 3.75/4.0

Relevant Coursework: Discrete Mathematics, Applied Data Analysis, Computer Science I/II

Houston City College Houston, TX
Associate of Science May 2025

Major in Computer Science, GPA: 3.97/4.0; Highest Honors; Honors College Student

Relevant Coursework: Data Structures and Algorithms, Computer Organization and Architecture

PROJECT EXPERIENCE

Stock Prediction Agent Mar 2026

- Used Python libraries and data from Yahoo Finance to create a stock prediction agent.
- The agent models ticker predictions, backtests, and live-trading predictions.

F1 Data Analysis Apr 2025

- Applied different data analysis tools in Python such as Pandas, Matplotlib, and other libraries to draw conclusions about drivers from the F1 2023 season.
- Graphs used include hexagonal radius maps, heat maps comparing driver performances to other drivers, as well as an extended performance table to organize the data.

Keylogger Sept 2024

- Built a keystroke logger using Windows API to log user input to a file.
- Gained experience with low-level system calls and basic cybersecurity considerations.

WORK EXPERIENCE

IT Technician, University of Houston at Katy, Houston, TX Oct 2024 - Aug 2025

- Responded to faculty and student concerns regarding software, hardware, and technical problems within the lecture halls such as the projectors.
- Maintained audio visual technology for various lectures, upheld systems central to everyday university work (printers, library computers, etc.).

IT Technician, Wesleyan University, Middletown, CT Sept 2025 - Present

- Aided faculty and alumni with technical issues concerning Duo, Outlook, and Gmail.
- Helped students at the help desk navigate through software and hardware issues critical to productivity (printers, personal computers, etc.).

COMMUNITY SERVICE

Volunteer, PlantCon & Houston Plant Market, Houston, TX Mar 2023 - May 2024

- Managed audio and visual systems for various speakers at a national plant convention.
- Supported the various booths responsible for community engagement, such as the welcome table, merchandise table, and ticketing booths.
- Supported booth setup for plant swaps, marketplace events, and social events that occurred at various locations like Bad Astronaut Brewery and Eureka Heights Brewery.

HONORS AND AWARDS

McNair Fellow Nov 2025

Phi Theta Kappa Membership Feb 2025

Houston City College Honors College July 2024

AP Scholar with Distinction July 2024

Texas First Early High School Graduation Scholar May 2024

ADDITIONAL

Technical Skills: R, C, C++, Python, Windows Server, Network Management, Access Control Lists

Certifications & Training: CompTIA Network+ CE, Rice University Environmental Data Academy

Languages: Fluent in English, Spanish