

Hudson Whitney

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Professional Summary

Dedicated and academically accomplished Computer Science & Linguistics sophomore with a strong foundation in software engineering and natural language processing. Demonstrated excellence in advanced coursework and standardized examinations, with a solid grasp of fundamental programming concepts and a passion for learning. Actively engaged in extracurricular activities that foster collaboration, innovation, and continuous learning across both engineering and NLP domains.

Education

B.S. in Computer Science, Linguistics Minor - University of Florida

May 2028

Relevant Coursework:

- CS: Adv. Prog. Fundamentals, Data Structures & Algorithms, Computer Organization, Operating Systems
- Other: Computational Linear Algebra, Intro to Linguistics, Applications of Discrete Structures

High School Diploma - Carroll Senior High School

May 2024

Awards & Honors:

- National Merit Finalist, AP Scholar with Distinction, Success Scholar, Magna cum laude, Dist. Level of Achievement

Skills

Languages: Python, Java, C++, React, JavaScript, HTML/CSS, TailwindCSS, Git/GitHub

Relevant Experience

Research Assistant - University of Florida, Haiyin Yang (Prof.)

May 2025 - August 2025

- Assisted professor in collecting and filtering relevant research papers in various fields to assist in the defense of her dissertation.

Linguistics Data Annotator - University of Florida, Sarah Moeller (Prof.)

August 2025 – January 2026

- Analyzed and annotated linguistic datasets to uncover systematic speech patterns in individuals with Hoarding Disorder for AI-aided diagnosis.

Paid NLP Data Annotator - University of Florida, Jessica Heady (Grad. Researcher)

November 2025 - Present

- Analyzed speech patterns of African American Language (AAL) speakers to support the development of more inclusive and equitable AI language models.

Software Engineer Intern - PetroVybe, Houston TX

April 2026 - Present

- Designed and built internal tools and automation solutions involving OCR, data processing and management, GIS data integration, and investor-facing AI Slack applications using Python and Azure.

Community Service

Chinese Tutor - Southlake Carroll Senior High School, Southlake, TX

January 2024 - May 2024

- Supported students individually during extra help sessions, utilizing various teaching materials such as text and audio to enhance student pronunciation, output, and understanding.

Camp Invention - Southlake, TX

June 2022

- Facilitated and directed hands-on learning for young children from K-6 in STEM topics.

Hobbies

- Personal coding projects & open-source contributions - Strength training & fitness - Music practice (Piano/Cello/Oud) - Strategy & other games - Language learning (Arabic, Chinese, Spanish)