Angelique Charles-Davis

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[bio sentence]

EDUCATION

Stanford University   Stanford, CA
Computer Science (M.S.)   *06/2025*
GPA: 3.90
Relevant Coursework: Natural Language Processing, Deep Learning, Complexity Theory, Database Mining

European Summer School in Logic, Language and Information   Leuven, Belgium
Intensive 2-week program in linguistics, logic, and computer science   *07/2024-08/2024*
Relevant Coursework: Language Model Programming, Generative AI with Knowledge Representations, Conversational AI

Stanford University   Stanford, CA
Symbolic Systems (B.S.)   *06/2024*
Minor: Modern Languages (French and Spanish)
GPA: 4.03
Relevant Coursework: Artificial Intelligence, Web Design, Data Structures and Algorithms, Operating Systems, Linguistics
Honors: Graduated with Distinction, Boothe Prize for Argumentative and Expository Writing

EXPERIENCE

Abridge   San Francisco, CA
Full Stack Engineer Intern   *06/2025-09/2025*
- Enhanced enterprise client portal by developing new API endpoints and implementing responsive front-end components, enabling clients to view comprehensive user information for their organizations
- Designed and built an asynchronous daily job to automatically pull and synchronize data from Electronic Health Records (EHR) systems, improving data accuracy and robustness [how many]
- Implemented advanced filtering functionality to increase user interactivity and streamline data navigation within the portal interface [impact of work - user experience]
- Developed full-stack solutions using React, TypeScript, and Next.js, contributing to both backend API development and modern front-end user experience design [incorporate into other 3]

Professor Stephen Choi, NYU School of Law   Remote
Research Assistant   *06/2023-01/2024*
- Assisted in study examining corruption risk faced by hundreds of multinational companies by generating detailed statistical analysis of regional, national, and company trends from 2012 through 2020 in R and implementing methods for automated dataset queries for customizable regions

Chaka Team at SUMMA   Santiago, Chile
Project Intern   *06/2023-08/2023*
- Researched pedagogical interventions at the cutting edge of education research, and synthesized findings into a unified framework for teacher evaluation and improvement, working exclusively in Spanish
- Generated a detailed analysis of over 35 hours of classroom footage across five underserved schools in Arica, Chile

Interactive Language Processing Lab at Stanford   Stanford, CA
Research Intern   *06/2022-03/2023*
- Designed psycholinguistic research project and implemented web-based experiments using HTML/CSS and React, built with the Empirica API on the Meteor development framework
- Executed Bayesian data analysis and linear regression in R to identify key variables influencing redundancy in crosslinguistic referring expressions
- Co-authored abstract accepted to the 2023 XPrag Conference in experimental pragmatics

PROJECTS

Quantifying Style-Shifting Patterns in Quebecois French   *01/2024-06/2025*
- Designed and conducted sociolinguistic study using Praat scripting and measurement tools and a Montreal Forced Aligner custom acoustic model
- Executed comprehensive data analysis and mixed-effects regression across seven phonetic variables using R

Analysis of Global Study Abroad Patterns According to the World Bank   *09/2024-10/2024*
- Conducted an SQL-based analysis of four datasets totaling over 1 GB in size that examines student migration patterns and their relationship to relative purchasing power, healthcare access, and reproductive healthcare policy

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SKILLS
- Advanced in Python (Pytorch, TensorFlow), C++, C, R, HTML/CSS, Java, Javascript (React, Typescript, Node.js, Next.js), SQL (MySQL), Praat
- Proficient in Rust, Haskell, Agda, Racket, NetLogo
- Fluent in French, Advanced in Spanish, Proficient in German