

Kavya Jain

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EDUCATION

University of Miami

Coral Gables, Florida

Bachelor of Arts in Computer Science

December 2024

- **GPA:** 3.9 / 4.0
- **Honors:** Provost Honor Roll & Dean's List
- **Relevant Coursework:** Tech Project Management, Software Design and Verification, Data Structures and Algorithms, Interaction Design (UX/UI, Figma), Computer Organization and Architecture

WORK & LEADERSHIP EXPERIENCE

Girls Who Code

Remote

Teaching Assistant, Self-Paced Program

May 2024 – August 2024

- Facilitated Cybersecurity, Web Dev, and AI workshops and incorporated student feedback, which lead to an increase in female enrollment in computer science (7 times national average)
- Mentored 250 students in Web Development, Machine Learning, and Cryptography curriculum, unblocking 50+ girls on projects while providing ongoing support to a smaller group of 5

Technology Club Financial Advisor

Coral Gables, Florida

Cross Functional Liaison

February 2023 – December 2024

- Financial advisor and cross-functional liaison for all three tech clubs: Kappa Theta Pi (founding member), the Society of Hispanic Professional Engineers, and the Google Developer Student Club

National Science Foundation's Research Experience for Undergraduates

Coral Gables, Florida

Machine Learning Scientist, University of Miami

May 2023 – August 2023

- Designed and implemented a novel machine learning model, utilizing ResNet18 and binary classification to accurately predict the predominant language of speech by transforming audio files into spectrograms and leveraging image-based recognition techniques, with 70% accuracy
- Conducted forensic analysis on audio data using STFT techniques, identifying flag signals and extracting key features. Automated flag detection process for thousands of hours of audio data, integrating it seamlessly with the existing pipeline

UHack (University of Miami Hackathon)

Coral Gables, Florida

Event Coordinator, Pioneer

September 2022 – May 2023

- Re-established UHack at UM for the first time in 5 years.
- Orchestrated a successful hackathon event with 30 students and 5 judges.
- Oversaw responsibilities including judge sourcing, vendor negotiation, stakeholder management and delivered a budget presentation to the school's financial committee.

The Travelers Insurance Company

Hartford, Connecticut

Software Engineering Intern, Technology Leadership Development Program

June 2022 – August 2022

- Completed several Agile User Stories in Risk Management Information Services
- Reduced cloud computing costs by generating SQL database changes to decrease latency by 700ms
- Updated database mapping documents to reflect the current status of table fields, reducing communication time between business associates and developers

SKILLS, ACTIVITIES & INTERESTS

Languages: English (native); Spanish (competent); Italian (conversational)

Technical Skills: Java, HTML, CSS, Python, C, Unix Shell, Julia, Figma

Activities: Google Developer Student Club, Kappa Theta Phi, Hindu Student Council

Interests: Rock climbing & calisthenics, plant-based cooking

Awards: InJam-Under my leadership as scrum master and lead UX/UI designer, our team won the hackathon