

# Cindy Castanon

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## EDUCATION

### Bachelor of Science in Computer Science

Expected May 2027

*University of South Florida*

## EXPERIENCE

### Teaching Fellow

March 2025 – Present

*CodePath*

*Remote*

- Assisted in delivering lectures and providing instructional support for over **200 students** enrolled in the **WEB101** course, focused on JavaScript, HTML, and CSS
- Mentored and provided instructional support during breakout rooms, helping students with bug fixes, resulting in an average improvement of **25%** in student assignment scores
- Collaborated with head and co-head teachers to create educational resources, enhancing engagement and quality

## PROJECTS

### Jarvis | *Python, Flask, React, PostgreSQL, Pytorch, Gemini*

April 2025

- Developed an AI-powered Healthcare dashboard to identify the type of skin cancer, keep track of your appointments and medications, and find nearby doctors
- Trained an AI model a set of skin cancer image dataset using PyTorch YOLO deep learning model, achieving accurate classification and detection of various skin cancer types
- Integrated advanced speech navigation across the platform utilizing OpenAI's Speech-to-Text API
- Designed a personalized AI therapy chatbot using Gemini API, providing with real-time mental health support

### PersonalityAI | *Pytorch, Python, Flask, PostgreSQL*

May 2024 – Present

- Developed and deployed a Flask web app that predicts MBTI personality types from user-generated text using a PyTorch-trained neural network on the MBTI Kaggle datasets
- Cleaned and prepared text data, then turned words into meaningful numbers based on how often they appear, and trained a model to accurately predict 16 different personality types
- Built a secure and scalable database using PostgreSQL to store user responses and datasets

### BullsMarketplace | *JavaScript, React, FastAPI, PostgreSQL, Socket.io*

May 2024 – Present

- Designed a marketplace app, allowing USF students to affordably buy, sell, and exchange used lab and project kits
- Received 50+ transactions and exchanges in the first week of launch and is currently collaborative testing by USF undergraduate advisors for Bull Marketplace
- Leveraged Google Maps API to match students based on proximity using Quick Sort Algorithm to sort locations
- Built a messaging feature using Socket.io and PostgreSQL, ensuring security with JSON Web Token

## LEADERSHIP

### Marketing Lead

December 2024 – Present

*Google Developers Student Club at USF*

*Tampa, FL*

- Collaborated with a team of 20+ organizers to host university-wide hackathon with 300+ participants from multiple institutions
- Helped to organize smooth Check-in system, ensuring everyone had unique QR codes for meals to avoid overcrowding
- Managed and grew the club's LinkedIn presence, increasing follower engagement by 35% through strategic content planning and regular updates on events and achievements

## TECHNICAL SKILLS

**Languages:** JavaScript, Python, SQL (Postgres), HTML/CSS

**Frameworks:** ReactJS, Flask, TailwindCSS, Material-UI

**Developer Tools:** Git, Github projects, Trello boards, Lucidchart, Docker, TravisCI

**Databases & Cloud:** AWS, MongoDB, PostgreSQL, MySQL