

Alaisha Johnson

UNDERGRADUATE STUDENT

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EXPERIENCE

September 2023 – Current

Learning Assistant C#, *Florida A&M University*

- Assisted over 10 students in debugging C# throughout the semester.
- Conducted weekly concept clarification session for a class of over 10 students.
- Conducted comprehensive code reviews on student projects, providing detailed feedback.
- Develop 5 comprehensive C# programming tutorials, and 10 example code snippets to assist students in learning.
- Collaborated closely with the course instructor to align teaching strategies to ensure a cohesive learning experience.

Jan 2023 - Current

Undergraduate Researcher, *Florida A&M University*

- Conducted 9 months of comprehensive research on societal implications of deepfake technologies, exploring its potential to spread misinformation, erode trust, and manipulate public perception.
- Documented findings in a 10-page report, highlighting potential impact of deepfake technology on vulnerable populations and detailing implications for regulators and content creators.
- Investigated the presence of biases in deepfake generative models with a focus on their impact on individuals with darker skin complexions, analyzing ten generated models.
- Collaborated with a multidisciplinary team of 4 to gather and analyze data, examining whether the training data for these models' perpetuated biases.
- Designed and executed a series of experiments to assess the accuracy of deepfake generated videos when depicting individuals with darker skin tones.
- Utilized quantitative metrics and visual analysis techniques to evaluate the level of realism and potential disparities compared to videos featuring lighter skin tones, analyzing 30 deepfake videos in total.

EDUCATION

AUG 2019 – MAY 2021

Associate degree, Polk State College

AUG 2021 – MAY 2025

Bachelor's degree, Florida A&M University

SKILLS

HTML/CSS
MS Office

C++
Problem-solving

Swift/SwiftUI
Management