

Education

University of Florida | Gainesville, FL

Aug 2020 – Dec 2024

Bachelor of Arts in African American Studies, Bachelor of Science in Computer Science

GPA: 3.57/4.00

Relevant Coursework: Introduction to Software Engineering, Data Structures & Algorithms, Ethics, Data, & Technology, Software Engineering Entrepreneurship, Natural User Interaction, Computer Networks Fundamentals

Experience

Software Engineering/UX Design Teaching Assistant | University of Florida | Accra, Ghana **May 2024 – Present**

- Supervise Agile methodology across five development projects, encompassing onsite and hybrid teams
- Grade all programming and scrum assignments for the Software Engineering and UX Design Internship program
- Plan and execute rapid prototyping workshops for 50+ computer science and information technology students

President | Sankofa African American Studies Society | University of Florida

Oct 2021 – Apr 2024

- Founded SAFAS – the official student organization for African American Studies at the University of Florida
- Actualized 85% of general body meetings, community service and membership outreach events
- Increased membership by 300% in the first year and by 200% and 75% after each re-election

Software Engineering Intern | Youth in Transformation | Cape Town, South Africa

Jun 2023 – Aug 2023

- Engineered a learning management system and payroll application for the Butterfly Project tutoring program with stakeholders including CEO, Program Administrators, 3 tutors and 25 students using Agile methodology
- Designed the frontend using low-fidelity prototyping and Figma and implemented it with MERN, CSS & JS
- Lead sprint reviews and think-aloud testing for stakeholders with technical and non-technical backgrounds

Cyber Security Intern | Jacobs Solutions | Remote

May 2022 – Aug 2023

- Leveraged GitLab CI/CD to run, build, test and deploy Docker engines
- Accelerated AWS infrastructure deployment by 65% - 85% using CloudFormation (IaC) for VPCs (IaaS), load balancers (IaaS), SSL certificates (PaaS), and EC2 instances (IaaS).
- Analyzed IP ban lists and system architecture to inform security improvements for sprint reviews
- Fortified technical skills by 20% via ACloudGuru labs, LinkedIn Learning lessons, and E3 Learning certificates

Feature Annotator | Samuel Oral History Project

Nov 2023 - Present

- Annotate CSV transcripts and audio files for the linguistic features and interpretation of 3000+ oral history files
- Improve the communication and workflow of annotators using Trello

Math Tutor | Private & Teach for America Ignite Fellowship

Mar 2018 - Present

- Teach subjects - including elementary arithmetic, multi-variable calculus and SAT prep - to 50+ students
- Design curriculum-based lessons and presentations for 1-10 students at a time

Competencies & Programming Languages

Active TS/SCI Clearance, AWS Core Services, CSS, C++, DevOps, Git, HTML, Jira, Java, MERN Stack, Python

Projects & Involvements - github.com/hutchinsonmouray

Back-End & Front-end Development: BookLook (Book Recommendation System), Chef AI (voice responsive cookbook)

Front-End Development: StudyStream (transcript parsing and flashcard generation web app), NuCasa (coordinate triangulation web app), E-portfolio (webpage with more about me & my work!): hutchinsonmouray.github.io/e-portfolio/

Awards/Honors: AFAM Mellon Scholar, Gilman Scholar, NCBS Presenter *Decolonizing Digital Education: Analyzing the Intersection of Blackness and Educational Technology* (Step one of researching the cultural competency of IXL & EdTech)

Member of: Black Student Union, Florida Engineering Society, OSTEM, WICSE