

## CYNTHIA ANKUNDA

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### CAREER GOAL

I aspire to contribute to groundbreaking projects, collaborate with interdisciplinary teams, and make significant advancements in the field of technology, positioning myself as a respected expert in computer science as a whole.

### PROFESSIONAL PROFILE

Innovative and results-driven software developer with a fervent enthusiasm for machine learning and artificial intelligence. Possessing a robust foundation in computer science and bolstered by hands-on experience in software development. Engaging in various projects and continuously expanding my expertise, I am committed to pushing the boundaries of innovation in this dynamic field.

### PROFESSIONAL SKILLS AND COMPETENCIES

Database management, Web Development with Python and Javascript, MySQL Workbench, Data Analysis, Data Processing, Object Detection, Problem Solving, App development with Flutter.

### EDUCATION

Year	Degree	Institution
January 2022 - June 2024	Bachelor of Science in Computer Science	Makerere University, College of Computing and Information Sciences
January 2019- April 2021	A level	Nabisunsa Girls School
January 2015- December 2018	O level	St. Joseph's SS Naggalama

### PROFESSIONAL TECHNICAL CERTIFICATIONS

June 2022 - August 2022: Cisco Certified Associate (CCNA)

### PROFESSIONAL EXPERIENCE

#### June 2023 – September 2023 | Ataraxis\_co | Intern

- Assisted senior developers in designing and implementing software solutions, gaining hands-on experience in the software development lifecycle using Flutter and Figma for the development and design processes respectfully.
- Developed User Interface Designs for the system that were integrated to ensure a unique user experience.
- Participated in team meetings and brainstorming sessions, contributing ideas and insights to project discussions.
- Conducted research and analysis to support project requirements, including market research, competitor analysis, and technology evaluation.
- Developed and maintained documentation, including technical specifications, user manuals, and test plans, to facilitate project communication and knowledge sharing.
- Tested software applications for functionality, usability, and performance, identifying and documenting defects for resolution.

- Demonstrated adaptability and flexibility in tackling new challenges and learning new technologies, contributing to a dynamic and collaborative work environment.
- Received mentorship and feedback from senior team members, leveraging opportunities for growth and professional development.

## PROJECTS

### **January 2024 – June 2024 | Entertainment Service Provider Matching Platform | Team Project**

- Carried out the required research concerning the best algorithm to be used in the system as well as the different ways it can be implemented
- Implemented an intuitive and user-friendly interface, ensuring a seamless experience for both service providers and clients.
- Developed a robust booking system that allows clients to easily schedule and manage appointments with service providers.
- Integrated a notification system to keep users informed about their bookings, updates, and reminders.
- Worked on essential features such as user registration, profile management, and search functionalities to enhance the overall usability and efficiency of the platform.
- Presented findings after every milestone to supervisors as well as implementing any feedback received

### **January 2024 – May 2024 | Computer Vision for Crime Scene Analysis | Individual Project**

- Developed a computer vision model using Python to analyse scenes and detect potential criminal activities.
- Implemented various deep learning algorithms for object detection and image classification to identify suspicious objects.
- Conducted extensive research on algorithm development as well as different approaches by other developers
- Conducting ongoing testing and evaluation to ensure the accuracy and reliability of the system in real-world scenarios.
- Presented findings and project outcomes to mentors, receiving positive feedback and recognition for innovative approaches to crime prevention.

### **June 2022 - September 2021 | App Development | Brandwave Advertising App | Team Project**

- Contributed to the development of Brandwave, an advertising app designed to connect brands with targeted audiences.
- Utilised Flutter for the mobile app development and Django for the backend web application as well as HTML and CSS.
- Spearheaded the UI design process, collaborating closely with designers to create visually appealing and user-friendly interfaces that enhance user engagement and brand visibility.
- Collaborated with a multidisciplinary team of designers and developers to conceptualise, design, and implement features that enhance user engagement and brand visibility.
- Implemented agile development methodologies, including regular sprints and iterative feedback cycles, to ensure timely delivery and continuous improvement of the app.
- Conducted user testing and feedback sessions to gather insights and iterate on features, resulting in a user-friendly and intuitive app interface.

## PERSONAL SKILLS

A highly skilled communicator with excellent listening and observational abilities, I thrive in collaborative team environments. Known for my dedication and hard work, I am deeply passionate about research and continually seek opportunities to expand my knowledge base. With strong social skills and adept time management, I excel in dynamic settings. Adaptable and dependable, I approach challenges with a willingness to learn and am self-driven in achieving goals.

## **PROJECT PUBLICATIONS AND CONFERENCE PRESENTATIONS**

### **Awaiting Publication**

- Cynthia Ankunda, J.M.Kyagaba, N.Hellen, G.Marvin (2024). "Computer Vision for Scene Analysis to Detect Crime ". ICIACS May 2024 (International Conference on Innovations and Advances in Cognitive Systems)

## **LANGUAGES:**

English – Full professional proficiency

Luganda – Native proficiency

Runyankole – Native proficiency

## **REFEREES**

- Mr. Ggaliwango Marvin | Makerere University | Department of Computer Science | ggaliwango.marvin@cit.ac.ug
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- Mr. Mwesigye Godwin Muhangi | Bodawerk International | godwin.muhangi01@gmail.com | +256 778885792