

# Andrew T. Rinomhota

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## EDUCATION (ENTRY LEVEL SW AND ML ENGINEER)

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### Mississippi State University

*Bachelor of Science Computer Science, Minor in Mathematics*

Starkville, MS

Aug. 2021 – May 2025

### Peterhouse Boys College

*IGCSE O and A level Certificates*

Marondera, Zimbabwe

Jan. 2015 – Dec 2020

## EXPERIENCE

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### Nucor Tuscaloosa Junior Software Engineering Intern

*Level 2 Team*

May 2024 – August 2024

*Tuscaloosa, Alabama*

- Designed and implemented scalable and efficient Cloud and Web applications within the Microsoft Azure platform, which were aligned with business requirements and security.
- Mined and cleaned data, to then portray that data in the form of control charts, and different visual formats.
- Problem-solving personal Inventory project made by SwiftUI for IOS and, that makes the process of inventory easier by barcode and ID scanning using Visionkit library.
- Formed a strong understanding of DevOps practices and tools, including branch policies, CI/CD pipelines, and automation, enabling efficient and reliable software delivery

### Mississippi State AI Club

*Board Member - Graphic Designer*

August 2024 – Present

*Mississippi State University*

- Gained basic knowledge on how to solve real-life problems with LLMs (large language models), leveraging them for research and creative problem-solving.
- Gained insight on how to create AI models and data pipelines using software like Google Colab, and Anaconda Python, to problem solve and support business operations.
- Designed weekly posters for the AI club to enhance outreach, and encourage student attendance at presentations featuring experienced guests (College Professors).

### Software Engineer Intern

*Delta Corporation Limited(Coca-Cola Plant)*

May 2023 – July 2023

*Harare, Zimbabwe*

- Introduced to SAP (Systems Application and Products in Data Processing) engineering and performed tasks in the ERP
- Developed a Voting Application that included the use of Flask, Swagger, VS Code, and Microsoft SQL Databases
- Created a website for a small upcoming Dairy farm in HTML/CSS/Bootstrap and SQL using VS Code and Microsoft Databases

### Xipiter Software Engineer

*UAS Integrated Products Team*

Feb 2024 – May 2024

*Mississippi State University*

- Contributed to a Search and Rescue Mission conducted by a UAV set to compete in the SUAS Competition.
- Utilized MAVROS, a ROS package, to handle communication between the companion computer and flight computer.
- Developed an image processing model using a custom dataset for UAV recognition with an Oak-D Camera, functioning similarly to YOLO for object detection.

## TECHNICAL SKILLS - 3.44 GPA LAST YEAR

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**Languages:** Python, C#, C/C++, R, Git, Swift, SQL, HTML/CSS/Bootstrap

**Frameworks:** Tensorflow, Jupyter Notebooks, Kaggle, .NET

**Developer Tools:** Anaconda, , VS Code/Visual Studio, Azure DevOps, PyCharm, DBMS, Power BI, Excel

**Libraries:** Pandas, NumPy, Matplotlib, Scikit-Learn, Ggplot2, Caret

## EXTRA CURRICULAR ACTIVITY

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**ASA(African Students Association) Member**

**2 Year NCAA Track Athlete**

**2 Year Zimbabwe U20 National Rugby Athlete**