**ACADEMIC PROJECTS**

**Violet Atieno**

**Computer Science Undergraduate student.**  
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**SUMMARY**

Highly motivated Computer Science student with proficiency in C, C++, Python, and SQL, and hands-on experience in database and web development. Skilled in collaborative coding, leadership, and problem-solving. Seeking an internship or entry-level software role to contribute to innovative tech solutions and explore AI applications.

**TECHNICAL SKILLS**

* Programming: C (Proficient), C++ (Proficient), Python (Proficient)
* Database: SQL (Proficient), Oracle DBMS (Proficient)
* Development: Collaborative Coding, Debugging, HTML, CSS, JavaScript, Flask

**SOFT SKILLS**

* Communication.
* Teamwork & Collaboration
* Leadership
* Time Management
* Problem-Solving
* Organizational Skills
* Professionalism

**CERTIFICATIONS**

* AWS Skill Center: Becoming a Cloud Practitioner | Mar 2025
* IBM: Introduction to Machine Learning | Jan 2025

**LANGUAGES**

* English: Fluent (Full Professional Proficiency)
* Spanish: A2 (Professional Working Proficiency)

**REFERENCES**

* Prof. Wagacha, University of Nairobi | [waiganjo@uonbi.ac.ke](mailto:waiganjo@uonbi.ac.ke)
* Prof. Moturi, University of Nairobi | [moturi@uonbi.ac.ke](mailto:moturi@uonbi.ac.ke)
* Mr. Kalunda, Rotary | mwangangineville@gmail.com

**Newspaper Advertisement Database | Oracle DBMS**

* Designed a relational database schema for a newspaper ad agency, managing client, advertisement, and billing data.
* Developed SQL queries and stored procedures to enhance data retrieval, integrity, and accessibility.

**Newspaper Advertisement Agency Website | Apr 2025–May 2025**

* Built a responsive front-end website using HTML, CSS, JavaScript, and Python with Flask, integrated with an Oracle database.
* Collaborated with a team to streamline advertisement booking through real-time data submission and retrieval.

### **Education**

**BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

University of Nairobi, Nairobi | Expected Graduation:2028

**Kenya Certificate of Secondary Education (KCSE)**

Butere Girls High School, Kakamega | 2020–2023 | A Grade, 83 Points

**Kenya Certificate of Primary Education(KCPE) Grade A(400 marks)**

Blessed Pavel Primary School, Nairobi | 2009–2019

**LEADERSHIP & VOLUNTEER EXPERIENCE**

**Class President**

University of Nairobi | 2023–Present

* Led student governance, honing leadership, public speaking, and negotiation skills through active representation.

**Member, Professional Leadership Committee, Rotaract Club**

University of Nairobi | 2023–Present

* Planned career-focused events, enhancing organizational, communication, and networking skills through collaboration with professionals and peers.

**INTERESTS**

Coding workshops, tech meetups, leading team initiatives, experimenting with software, exploring AI advancements.

**ACHIEVEMENTS**

Best Performing Student, Butere Girls High School | Nov 2023  
 Awarded for achieving an A grade (83 points) in KCSE exams.