

# **CURRICULUM VITAE**

## **PERSONAL DETAILS**

**Name:** Flavian Irungu Wanjiku.

**Permanent address:** P.O BOX 25780 – 00100 Nairobi, Kenya.

**Current address:** Githurai 44, Kasarani  
P.O Box 8078 – 00100, Nairobi, KENYA.

**Telephone:** Mobile: (0713802011 or 0731679540)

**E-mail address:** flavirungu@gmail.com

**Date of birth:** 24th November 1999.

**Sex:** Male.

**Nationality:** Kenyan.

**Marital status:** Single.

**Religion:** Christian.

**Present position:** Student (Computer Science).

## **A: ACADEMIC BACKGROUND**

**2019 - 2020** Diploma in Computer Science (Chuka University, Tharaka Nithi County)

**2018 - 2019** Certificate in Computer Science (Chuka University, Tharaka Nithi County)

**2018** Certificate in Computer packages (Nairobi)

**2014-2018-** ‘O’level certificate – Kairi-ini Secondary School, Kirinyaga

**2006-2014-** Certificate of Primary Education – St. Florence Academy School, Nairobi

## **B: WORK EXPERIENCE**

- 1.) **2021 (August) - Till now:** TV programmer (Favour of God TV, Kitui - Kenya)
- 2.) **2021 (March) – 2021 (August):** TV programmer (Give Hope TV, Kasarani - Nairobi, Kenya)
- 2.) **2020 (April) – 2020 (August):** Online freelancer jobs.
- 3.) **2018 (October) – 2019 (November):** Cyber café, Chuka University vicinity.

## **C: EXPERTISE IN TEACHING.**

### **(I): PHYSICS:**

These are just a few areas in the broad discipline of Physics that I can teach: Fundamentals of Physics, Quantum mechanics, Electronics, Thermal physics, Physical and Geometrical optics, Electricity and Magnetism, Mathematical physics, Transformers and others.

### **(II): COMPUTER SCIENCE:**

These are just a few areas in the broad discipline of computer science and information technology that I can teach: Networking, organization of computer systems, JAVA, Visual Basic, HTML programming language, Fiber Optics communication, Digital logic, Computer architecture, Data communication and Information Technology, Distributed Systems, Emerging Technologies in Computer Science, Software engineering, Data Structures and Algorithm. I have additional experience in Video Editing and others.

## **Professional Summary**

Highly skilled and dedicated computer scientist with over 5 years of experience in software development and data analysis. Adept at leveraging technical expertise and innovative thinking to deliver high-quality solutions and drive technological advancements. Proficient in multiple programming languages, data structures, algorithms, and modern frameworks. A proven problem-solver with a track record of success in both collaborative and independent projects. Passionate about

utilizing cutting-edge technologies to solve complex problems and improve operational efficiency.

## Technical Skills

- **Programming Languages:** Python, Java, C++, JavaScript, SQL
- **Frameworks and Libraries:** React, Node.js, Django
- **Databases:** MySQL, MongoDB
- **Tools and Technologies:** Git, Docker, Kubernetes, AWS
- **Data Analysis and Machine Learning:** Pandas, NumPy
- **Web Development:** HTML, CSS
- **Operating Systems:** Windows, Linux, Ubuntu
- **Other Skills:** Agile Methodologies, DevOps, Software Architecture, Cybersecurity

## Education

### Diploma in Computer Science

**Chuka University, Tharaka Nithi County, Kenya**

*Graduated: December 2020*

## Certifications

- **Certified Computer Scientist (CCS)**

## Projects

- **Predictive Maintenance System:** Developed a machine learning model to predict equipment failures, reducing maintenance costs by 70%.
- **E-commerce Recommendation Engine:** Implemented a recommendation system using collaborative filtering, increasing sales by 65%.

### **(III) TV Professional Summary**

Highly skilled and creative professional with over 5 years of experience in TV programming, video editing, graphic design, and camera operation. Adept at managing multimedia projects from conception to completion, with a keen eye for detail and a passion for delivering high-quality content. Proven ability to work under tight deadlines and collaborate effectively with cross-functional teams.

#### **Core Competencies**

- TV Programming
- Video Editing
- Graphic Design
- Camera Operation
- Project Management
- Creative Direction
- Team Collaboration
- Problem-Solving
- Attention to Detail
- Technical Proficiency

#### **Professional Experience**

**Senior TV Programmer** *Favour of God TV* | Kitui Town, Kenya | From 2021 August Till Now

Developed and scheduled engaging TV programming content that increased viewership by 50%.

- Collaborated with production teams to ensure seamless execution of live broadcasts.
- Analyzed audience metrics to refine programming strategies and optimize viewer engagement.

**Lead Video Editor** *Favour of God TV* | Kitui Town, Kenya | From 2021 August Till Now

- Edited video content for various platforms, ensuring high-quality and compelling visual narratives.
- Utilized advanced editing software including Adobe Premiere Pro and Final Cut Pro.
- Coordinated with directors and producers to align video edits with creative vision and brand guidelines.

**Graphic Designer** *Full Time* | Kitui Town, Kenya | From 2021 August Till Now

- Designed visually appealing graphics for print and digital media, including advertisements, brochures, and social media content.
- Proficient in Adobe Creative Suite, including Photoshop, Illustrator, and InDesign.
- Collaborated with marketing teams to create cohesive and effective branding materials.

**Camera Operator** *Full Time* | Kitui Town, Kenya | From 2021 August Till Now

- Operated cameras for various live events, TV shows, and film productions.
- Ensured optimal camera angles and lighting to capture high-quality footage.
- Worked closely with directors and technical teams to achieve desired visual outcomes.

**Technical Skills**

- Adobe Creative Suite (Premiere Pro, After Effects, Photoshop, Illustrator, InDesign)
- Filmora Video Editor
- Capcut Video Editor
- DaVinci Resolve
- DSLR and Broadcast Camera Operation
- Audio and Lighting Equipment

## **Certifications**

- Certified Video Editor (CVE)

## **Professional Affiliations**

- Member, The Media Council of Kenya (MCK)

## **D: AWARDS**

- 1). **2018:** Distinction in Certificate of Computer packages (Petanns Driving School, Nairobi).
- 2). **2018:** A Kenya Certificate of Secondary Education after completing four years of Secondary Education.
- 3). **2015:** Academic prize for the best ‘A’ level student of Kairi-ini Secondary school (Kenya). I was the best overall in Mathematics and Physics.
- 4). **2015:** A second prize and a certificate on a Physics talk presented during a Science congress competition of Kirinyaga County Secondary schools (Kenya).
- 5). **2015:** Awarded a second prize for the best student in form two in academics.

## **E: RESEARCH INTERESTS**

- 1) Seminar and Report writing.
- 2) Project writing and Coding.
- 3) Application development through Coding.

## **F: COMMUNITY SERVICE**

- 1) I was a member of Tree planting program in Chuka University.
- 2) I participated in the ‘Kazi Mtaani’ initiative that involves employment for over 300,000 Youths Nationwide.

## **G: EXTRA CURRICULUM ACTIVITIES**

### **1). SPORTS**

#### **i). Football player.**

I was a member of the 'Bafana Bafana fc' team during my high school studies. I was a member of the football team Chuka University during my undergraduate.

**ii). Cross country runner.** I represented Kairi-ini Secondary School in several tournaments since 2014 – 2018.

### **2). RELIGION**

i). I was a prayer coordinator for the Christian Union team in Highschool.

ii). I'm a missions and prayer coordinator of P.C.E.A Christian Fellowship.

## **M: HOBBIES**

1). Football player.

2). Cross country runner.

3). Participating in Christian Fellowships.

## **N: REFEREES**

1). Mr. Fransis Mbaabu.

Department of Computer Science,

Chuka University

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P.O BOX 109-60400,

Tharaka Nithi, KENYA.

2). Mr. Tonny Munene.

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