

CURRICULUM VITAE

Personal Details

- **Name:** Brian Makanda
 - **Phone:** +254 742 149 060, +254 712 253 376
 - **Email:** oumab473@gmail.com
 - **Nationality:** Kenyan
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Education Background

- **2021 – Present:** Moi University
 - Bachelor of Arts Pure Geography(Remote Sensing, GIS, Survey)
 - **2024 – Present:** Self-Learning in Backend Development
 - **2022 – 2024:** Self-Learning in Frontend Development
 - **2017 – 2021:** Koyonzo Boys High School
 - **2010 – 2016:** Mihang'o Primary School
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Skills

- **GIS & Remote Sensing Tools:** ArcMap, QGIS, EDRAS Image , Google Earth Pro, Google Earth Engine
 - **Frontened Development:** JavaScript, React, HTML, CSS, Redux, Leaflet.js,
 - **Backend Development :** Node.js, Epress.js, MySql, MongoDB
 - **Mapping Experience:**
 - Water station mapping for sub-counties in Busia County (Department of Water, Natural Resources, and Climate Change)
 - **Projects:**
 - Developed Several websites : <https://glitchlifestyle.vercel.app/> , <https://dcim.netlify.app/>
 - Did a final attachment project on Flood Risk Analysis for Nairobi County Using DIS and Web Map Application with leaflet.js
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Experience

- **April 2023 – July 2023:** GIS and Remote Sensing Volunteer
 - Department of Water, Natural Resources, and Climate Change, Busia County Government
 - **June 2024 – August 2024 :** Attachment at Directorate of Remote Sensing and Resource Survey (DRSRS).
 - **Training and Events:**
 - **2023:** Attended RIC 2023 Symposium at RCMRD.
 - **2024 :**Attended RIC 2024 Symposium at RCMRD
 - **2024:** Completed Coastal Geomorphology Online Training (7–9 February 2024)
 - **FMNR Mapping Training:** Participated in a three-day workshop in Eldoret on mapping Farmer-Managed Natural Regeneration areas
 - **GESSAMU Training:** Regular participant (held Thursdays and Sundays at Moi University)
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Hobbies

- Drawing
 - Traveling
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Referees

- **Madam Perpetual Agoya**
 - GIS Officer, Busia County
 - Phone: +254 704 166 067
- **Sir Jotham Ayanga**
 - Ground Division Officer (DRSRS)
 - Phone: +254 704 537 737