CHEPKURUI
JIMMY MAIKUT

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💼 EXPERIENCE

Intern | Fundi Bots Limited
Feb 2023 – March 2023 (Full Time)

- Activity reporting on content covered weekly and for projects.
- Electronics circuit design and assembly. Drew and simulated 8 schematics using Proteus that I built on breadboards and soldered on perf-boards.
- Material design and production. Used SolidWorks to draw parts, assemble them into structures then transferred to either: RdWorks to tune and produce 3D parts using Ender 3D printers or, Aspire for CNC router and CNC laser production.
- IoT setup. Programmed Arduino and Sparkfun using C and Python respectively that acted as microcontrollers for device networks.
- Robot building. Used material builds with applied mechanics and electronics concepts and training to build a working robotic rover.
- Proposal development. Ideated and drafted real-world feasible projects with practical use cases for 2 projects.
- Project pitching. Presented a product that can be used in restaurants to boost productivity and cut costs to a panel.

Digital Marketing Assistant | Maikut Group Limited (MGL)
Mar 2022 – June 2022 (*Part Time*)

- Assist in overseeing social media interaction between customers and the company to ensure a positive client experience
- Engage the public to build the company brand and create traffic to our platforms to acquire potential customers and support
- Manage company website. Maintenance and reviewing changes to front and back-end components to ensure proper functionality.
- Introduce data analysis to company's social media and site data to improve business models and strategies.
- Research for opportunities to collaborate between the company and other industry stakeholders for growth.

Enterprise Resource Planning (ERP) Intern | SoftIQ Technologies Ltd.
Feb 2022 – Apr. 2022 (*Full Time*)

💼 SKILLS

- Excel/ Word/ Powerpoint ★★★★☆
- Python, HTML, CSS ★★★★☆
- Solidity, Git, PHP, Javascript, C ★★★☆☆
- Frameworks (Laravel, Bootstrap) ★★★☆☆
- Tools (Wix, Salesforce ★★★☆☆
- Databases (MySQL, Postgres, MongoDB) ★★★☆☆
- Bash, Linux, Java, C++ ★★☆☆☆
- Public Speaking, Presentation ★★★★☆
- Research ★★★☆☆

⚑ LANGUAGES

- English ★★★★★
- Kiswahili ★★★★☆
- French ★★★☆☆

💼 ORGANISATIONS

- Assisted in delivering ERP support to 2 partner organizations through working on customizations of in-place ERP solutions
- Designed and developed 1 test ERP solutions using Odoo software to integrate a company's functional departments
- Performed mail and telephone marketing to attract new clients in Eastern Africa (8 countries) of over 100 contacts
- Represented company professionally on social media that captured a Chinese firm looking for ERP solutions partnership in Kenya

Programs and Operations Intern | Tree Adoption Uganda (TAU)
Jan 2021 – Mar 2021 (*Full Time*)

- Worked with Programs Manager to develop projects. Assisted in drafting proposals for 3 organization projects
- Tree planting and mapping for data processing. Planted and recorded over 800 trees through the tech-oriented tool of TAU, EcoMatcher, to give an enhanced model of tree coverage, species, and location to shareholders.
- Assisted in set up of organization events. Collaborated with team to prepare a 5.5 km marathon attended by 400+ people through advertising and distribution of flyers aimed at fund raising.
- Provided IT technical support to office members. Set up and maintained shared printing, troubleshot network issues, and gave advice on general operation across mobile and desktop devices to ensure smooth running.
- Performed clerical work for the office, carried out delivery errands and handled secondary communication within office.

EDUCATION

Bachelor of Science, Informatics and Computer Science (BICS) |
Strathmore University
2019 – 2023
Relevant Coursework: Networking | Server Administration | Algorithms | Information Security | Computer Architecture | Applications
CCNA Intermediate - Cisco Networking Academy

AWARDS & CERTIFICATES

- Scrum Fundamentals Certified (2023)
- Participant, Hack for Earth Youth hackathon (2022)
- Participant - AWS Impact+ Hackathon (2022)
- 2nd runners up (Team Nabo) - Blockchain Gender Hackathon (2022)
- 1st place (The Equators) - Oracle Academy APEX Hackathon (2021)
- Digital Skills: User Experience by Accenture (2022)
- Photoshop – Beginners by EDUCBA (2022)

- Mentee, KamiLimu Mentorship 7th Cohort (2022)
- Student Member, GitHub Education (2021 – Ongoing)
- Member, Planetary Health Alliance (2021 – Ongoing)
- Member, Major League Hacking (2021 – Ongoing)
- Junior, ShARE Leadership Program (2021 – Ongoing)
- General Assembly Member, KMUN (2021 – Ongoing)
- Member, Google DSC Strathmore (2021 – Ongoing)
- Legal Advisor, Namilyango Science and Technology Club (NASTEC) (2016 – 2017)

PROJECTS

- Water Usage Forecaster – A platform for Nairobi County using machine learning
- MediCare – An application aimed at connecting people to sources of pharmaceutical products in real time

ADDITIONAL INFORMATION

- Google Africa Developer Scholarship (2022 - Ongoing)
- Attendant - Challenge4ClimateAction by Convergence Tech (2021)
- Attended DivHacks (Oct 2020) by Columbia University
- Participant (High school team) - National Science and Technology Innovations Challenge finals Uganda (2016)

- React & Redux Course by SoloLearn (2022)
- GCP (Google Cloud Platform) Big Data and ML Fundamentals by Xebia Academy (2021)
- Python & Data Analytics by GDG (Google Developers Group) Ranchi, BIT Mesra (2021)
- Data Analytics and Data dashboard with Excel by GDG (Google Developers Group) Ranchi, BIT Mesra (2021)
- Python & Cyber Security by GDG (Google Developers Group) Ranchi, BIT Mesra (2021)
- Javascript and React.Js by GDG (Google Developers Group) Ranchi, BIT Mesra (2021)