

# Nickson Kaigi | Curriculum Vitae

6677-00100, Nairobi Kenya

📞 +254 724 708 852 • ✉ nickaigi@gmail.com  
🌐 <http://nickaigi.github.io/>

Software engineer, with expansive knowledge of Python and JavaScript. Driven individual, with a background in Computer Science and vast experience developing and shipping software and data products. Currently pursuing a Master's of Science Degree in Computation Intelligence at The University of Nairobi.

## Experience

---

- **World Bank**  
*Technical Consultant* *December 2021 – Present*  
Working with The Data and Evidence for Justice Reform (DE JURE) and Development Impact Evaluation (DIME) units in the development of data-driven applications with the intention of studying, improving efficiency, quality and access to justice in developing countries.
- **Maxum Data**  
*Lead Developer* *June 2015 – October 2021*  
Lead developer in charge of back end development, server setup and maintenance on AWS, Django templating, Nginx and uWSGI configuration. I was responsible for design and development of the in-house analysis and reporting tool. I wrote Lua scripts that acted as an interface to a custom installation of Freeswitch. I wrote bash scripts that would analyse the production databases for changes that met a predetermined threshold, resulting in a call to action when the changes met the threshold. Wrote Python scripts that analysed spending on toll free and regular phone numbers and created monthly billing reports.
- **Domains Bot**  
*Senior Python Developer* *June 2015 – September 2015*  
Senior developer in charge of back end development, server setup and maintenance on AWS, Django templating, Nginx and uWSGI configuration.
- **SunUp Financial LLC (Balance Credit)**  
*Senior Python Developer* *May 2014 – January 2015*  
Senior developer in charge of back end development, server setup and maintenance on AWS, Django templating, Nginx and uWSGI configuration.
- **Soko** **Nairobi**  
*Senior Python Developer* *July 2013 – April 2014*  
Senior developer in charge of UX, Python and Android development for the suite of open source and enterprise tools that the company provided.
- **Sweet Relish**  
*Senior Python Developer* *December 2012 – July 2013*  
Python developer working with Django and jQuery mobile to deliver a mobile friendly version of the website.
- **Code Painters**  
*Lead Software Developer* *September – November 2012*  
Lead developer responsible for product development of various Python Django based web applications.

- **Apartment Rentals**  
*Software Developer* *April 2012*  
 Python Django developer responsible for providing end-to-end Programming support.
- **MANteresting**  
*Python/ Django Developer* *March – April 2012*  
 Python Django developer responsible for design and implementation of a REST based API.
- **Alliance Technologies** **Nairobi**  
*Software Engineer (intern)* *September – December 2011*  
 Engineering intern responsible for extending the A1ERP data dictionary and developing an android based prototype of the ERP.

## Education

---

### Academic Qualifications.....

- **University of Nairobi** **Nairobi, Kenya**  
*MSc Computation Intelligence , Completed Coursework. Thesis in Progress* *2014–Present*
- **Jomo Kenyatta University of Agriculture and Technology** **Nairobi, Kenya**  
*BSc Computer Science , Second Class Honors, Upper Division* *2008–2012*
- **Menengai High School** **Nakuru, Kenya**  
*KCSE* *2003–2006*

## Technical and Personal skills

---

- **Programming Languages:** Proficient in: Python, JavaScript, T<sub>E</sub>X  
 Also basic ability with: C/C++.

## Interests and extra-curricular activity

---

- I enjoy the game of Chess
- I am an avid reader of fiction, high fantasy, biographical, and historical/historical fiction books

## References

---

- Up to 3 references available on request