

Nairobi, Kenya  
<https://github.com/RuthNjeri>

Ruth Waiganjo

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## Education

Nairobi, Kenya	University of Nairobi	January 2014 – February 2018
<ul style="list-style-type: none"><li>• B.S.C. in Computer Science, Second Class Honours (Upper- Division).</li><li>• Undergraduate Coursework: Analysis and Design of Algorithms; Operating Systems, Network and Distributed Programming, Database Systems; Web Programming and Applications; Introduction to Artificial Intelligence; Machine Learning; User-Centred Development and Evaluation; Computer Network Security.</li></ul>		

## Employment

Software Engineer	Andela	July 2018-present
Andela Media		
<ul style="list-style-type: none"><li>• Implemented resumable uploads for images and videos using the Tus resumable upload.</li><li>• Implemented filter and search media files according to their metadata(EXIF values).</li><li>• Improved the database design of the project using Entity Relationship diagrams.</li><li>• Improved the error handling of the project by ensuring the application does not break when errors occurred.</li></ul>		
VOF(Value Alignment Output Feedback)		
<ul style="list-style-type: none"><li>• implemented responsive design mockups across multiple devices using HTML and CSS/SCSS.</li><li>• Implemented a notification functionality for the interviewees when a candidate has submitted an output.</li><li>• Optimized an interviewee's page by 80% using Redis to cache data.</li></ul>		

Developer Outreach and Data Internship	Africa's Talking	March 2017-May 2017
<ul style="list-style-type: none"><li>• I developed a <a href="#">tutorial</a> for developers that implement the USSD, SMS, CALL and payments gateway API using Django.</li><li>• I also worked with the Data team in data analysis using Python.</li></ul>		

Student Ambassador	Intel	January 2016 – February 2018
<ul style="list-style-type: none"><li>• Organized about 15 events to train over 500 students on Intel technologies in the field of Artificial Intelligence and Machine Learning in addition to the Internet of Things.</li><li>• Managed and reported on the social media impact of the events in about 11 universities.</li></ul>		

## Technical Experience

### Projects

- **Alexandria** (2019). An e-commerce site I am currently building to learn how to build efficient APIs using the Ruby Web APIs book. Ruby on Rails.
- **Movie Manager** (2019). An application to record movies and their details. I used this to learn GraphQL implementation in Ruby on Rails. Ruby on Rails.
- **Driver Profiling** (2018). A web system to profile drivers according to their driving style using Machine Learning. I made a [presentation](#) about it at Tunisia.
- **Microfinance Application** (2017).Implementation of a microfinance application using SMS, USSD, and Call APIs. Python, Django.

### Languages and Technologies

- Ruby; Python; Ruby on Rails; Django; Flask; SQL; JavaScript; React; Heroku; GCP; CircleCI; TravisCI