



# Maryann Gitonga

Full Stack Web Developer

## Profile

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**Portfolio** <https://maryanngitonga.github.io/Portfolio/>  
**Address** Nairobi, Kenya

## Personal Statement

A motivated, committed and open-minded Web Development graduate searching for a rewarding career in the Software Development sector. I have a systematic, client-focused approach to work and a strong push to see projects through to completion.

## Highlighted Software Applications

### Phoenix Issue Tracker - Full Stack Software Engineer 2018

URL: <https://github.com/MaryannGitonga/Issue-Tracker-Flask>

An application that allows one to post their issues to technician responsible in the organization and have them taken care of fast and efficiently.

- Integrated PostgreSQL as the database to store members' credentials and issues posted. Flask was the framework used.
- The application creates a common platform for people of the same working environment to be able to communicate any issue they have to technicians responsible and have the problems handled efficiently and notified when the issue has been solved.

## Skills

### Make-up Match - SCRUM Master

2018

URL: <https://github.com/MaryannGitonga/Make-up-Match>

A beauty products' application that takes one face picture, extracts the dominant tones on their face. One then uses the colors to filter what facial beauty products best match their skin-tone.

- Implemented OpenCV for face recognition and efficient tone extraction.
- Integrated PostgreSQL database to store users' login information and their images.

### Chess Game - Full Stack Software Engineer

2018

URL: <https://github.com/MaryannGitonga/Chess-Game-AI->

This is a player vs computer chess game using Artificial Intelligence to predict the best moves for the computer.

- Uses Minimax Algorithm to predict the best moves the computer can make for it to gain most points.

#### Technical Skills

Strong: HTML5, CSS3, JavaScript, jQuery, Python, Flask, Django, Bootstrap 4, PostgreSQL

Experienced: Angular JS, Deployment

#### Personal Skills

- Very flexible, easily adapts to changes made in the environment.
- Quick learner that is keen to build upon existing skills and gain new ones.
- Easily blends in with people in different social environments.
- Able to work well within a multi-disciplined environment.

## Academic Qualifications

Moringa School

August 2018 - December 2018

Certification: Software Development

St. Mary's Girls' High School - Igoji

February 2013 - December 2016

Certification: Kenya Certification of Secondary Education

## Affiliations and Leadership

Head of French Club, St. Mary's Girls' High School - Igoji

July 2015 - November 2016

Vice Chair, Young Catholic Students Association, St.

Mary's Girls' High School - Igoji

November 2014 - November 2015

## Interests

- Music: Loves singing and part of the Youth Group Choir, Consolata Shrine, Nairobi.
- Reading: Loves reading fictional novels, self-help books and lifestyle blogs. Currently reading Becoming By Michelle Obama
- Languages: English (expert), Kiswahili (expert) and French (elementary proficiency).

## References

Mrs. Trizah Mwangi

Head of French Department, Young Catholic Students Association

St. Mary's Girls' High School - Igoji

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Ms. Faith Thuita

Technical Mentor

Moringa School

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