

# DANIEL OTIENO OKWACH

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## Education

### 2013-2017: Technical University of Mombasa

Award - Degree (Bachelor of Science in Mathematics and Computer Science).

### 2013-2013: Sponsor an African Scholar (SAAS)

Award – Certificate in computer operations (4 months course)

### 2009-2012: Mariakani Secondary School

Award – Kenya Certificate of Secondary Education (K.C.S.E)

## Profile

An energetic, creative and imaginative Junior Software Developer who is able and dedicated to work alongside other talented IT professionals in creating websites to the very highest standards. I have specialized in both Frontend and Backend Development, experienced with all stages of the development cycle for a dynamic project, well-versed in numerous programming languages including Ruby, Python and JavaScript. I also have interest in Data Science using Python and R. I am open to considering a challenging role with an ambitious company with whom I can commit to and progress within.

## Achievements and Leadership Positions

- **2017-present:** Organizer of Nairuby Mombasa (Rubyists user group in Mombasa).
- **2016:** Won award for the best personality student of the year.
- **2015 - 2017:** Elected Class Representative (Technical University of Mombasa).
- **2014:** Elected Vice Chairperson (SAAS Youth Group).
- **2011:** Won award for the best personality student of the year.
- **2009 - 2012:** Elected Deputy Class president (Mariakani Sec School).

## Professional Experience

### Google Africa Developer Scholarship Program

2019 - 2020

### Program Assistant - Volunteering

### Key activities and responsibilities:

- Empower talent in Africa through Andela learning community, Google Africa and Pluralsight resources.
- Ensure learners can improve their skills by actively engaging with content on Pluralsight.
- Collaborating with my team to come up with strategies that will help learners to complete the Scholarship.

## **Andela Learning Community**

2018 - 2019

### **Learning Facilitator Ambassador - Volunteering**

#### **Key activities and responsibilities:**

- Organize and facilitate ALC meetups.
- Make sure more than 50% learner completion of 100% of course contents and projects.
- Make sure more than 75% learner completion of 50-75% of course contents and projects.
- Run 2 meetups between January and February 2019.
- Mentor learners on their online engagement platforms.

## **Freelance**

2017 - 2018

#### **Key activities and responsibilities:**

- Writing cross-browser compliant XHTML, HTML5, CSS3 and JavaScript.
- Develop project concept and maintain optimal workflow.
- Complete detailed programming and development tasks.
- Collaborate with designers to create a clean interfaces.
- Collaborate with other developers through web-based hosting service for version control using git.
- Providing technical support to the end user.

## **Sponsor an African Scholar**

2016 – 2017

### **IT Administrator**

#### **Key activities and responsibilities:**

- Maintaining the organization IT network.
- Collecting IT usage statistics.
- Installation of software's.
- Making recommendations for improving the organization website.
- Assisting co-workers with everyday IT needs.

## **SwahiliBox**

April 2015- Aug 2015

### **Web Developer Intern**

Worked as part of a multi-disciplinary team, carrying out ad-hoc tasks as requested by the IT Manager. Had a specific brief to ensure the websites build for customer's precisely matched their requirements.

#### **Key activities and responsibilities:**

- Performed maintenance and updates to existing client Web sites.
- Participated in brainstorming sessions to come up with ideas.
- Documented software and technical specifications.
- Addressed cross-browser compatibility issues.

- Integrated websites with social media platforms.
- Helped end users to solve operating problems.
- Worked on multiple projects simultaneously to a high standard.
- Developing and maintaining the front-end functionality of websites.
- Devising SEO strategies based on specific keywords.
- Participating in discussions with clients to clarify what they want.

## **Omollo Onyango Advocates & Company**

Aug 2014 – Feb 2015

### **Office Junior**

#### **Key activities and responsibilities:**

- Arranging files in the office.
- Helped in troubleshooting office computers.
- Preparing affidavits.
- Configuring office Wi-Fi.
- Storing files in the system.

## **Key Competencies and Skills**

### ***Web Development***

- Knowledge of RUBY, PYTHON, HTML5, CSS3, and JavaScript.
- Strategically thinking through all parts of the design process.
- Integrating new technologies into existing web properties.
- Writing up technical manuals and user instructions.
- Experience of Object-Oriented Programming and Continuous Integration.

### ***Professional***

- Able to organize own workload effectively and prioritize tasks.
- High level of proficiency in Microsoft Office (Word, Excel, PowerPoint, Outlook).
- Can manage multiple projects in a fast-paced, deadline-driven environment.
- Adaptable and able to quickly pick up new techniques.
- Understanding of W3C standards, web accessibility & best practice.

### ***Personal***

- Passionate about doing a good job.
- First-rate interpersonal and communication skills, able to easily interact with fellow developers and customers alike.
- Comfortable with being the 'go to' person in a company.
- Always positive, regardless of the challenge ahead.
- Willingness to work with emerging alternative technologies.
- An excellent ability to work both as a team player and as an effective leader.

## Interest/Activities

Personal interests are traveling and exploring, photographing, swimming, playing games such as Soccer and touch rugby.

## Referees

### **Dr. Aggrey Adem**

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### **Mr. Aly Salim Uweso**

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### **Ms. Maria Nekesa**

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