

# Derek Owusu-Frimpong

Software engineer, with at least 2+ years of experience designing and architecting web applications with complex workflows. Passionate about the implementation of design patterns and best programming practices such as TDD, continuous integration to ensure I write quality code.

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## EXPERIENCE

Web Application Developer(On Contract) at Jobberman(a recruiting company)

Nov 2016 – Sep 2017(10 months)

My primary role was to build a web application to help the sales team to perform their day-to-day task of acquiring applicants to fill up roles/vacancies of various companies. I was the sole developer on the project, being responsible for both backend and frontend development. My responsibilities included:

- Interface with members of sales team to determine specifications/feature sets of web application
- Implement requirements set forth by sales team
- Perform periodic testing with select members of sales team to ensure a stable web application.
- Setup test suites with RSpec
- Setup continuous integration with Travis CI
- Setup staging and production servers on heroku
- Deployment with heroku

## EDUCATION

**Meltwater Entrepreneurial School of Technology(MEST), Accra** —*Certificate in Software Engineering & Entrepreneurship*

August 2014 - June 2016

Courses in software engineering(ruby, ruby on rails), business and communications, entrepreneurship

<http://meltwater.org/>

## SKILLS

**Programming Language(s):**

Ruby, HTML, CSS, javascript

**Framework:** Ruby on Rails(4)

**Others include:** Continuous integration and deployment with Travis CI, Heroku

RESTful Rails API design with json

Version control with Git

TDD with RSpec, Capybara, factory girls, shoulda-matchers

Design patterns implementation in ruby

**Soft skills include:**

A team player

A strong passion to learn and grow as both a programmer and web developer.

Excellent problem-solving skills.

Communicates clearly.

Determined mind-set

## University of Ghana — BSc. Zoology

August 2008 - May 2012

Advanced Genetics, Comparative Anatomy, Evolutionary Biology, Animal Ecology, Animal Behaviour, Introduction to Biochemistry, Vertebrate Biology

<https://www.ug.edu.gh/>

### PROJECTS

**NOTE:** for some of the following projects you will need some user/admin credentials to proceed beyond sign up options. Please contact me if you need them

**HRsignal** – an in-house platform for Jobberman Ghana(to facilitate recruiters by creating an environment of competition where users earn commission-based income for the companies they bring and the vacancies they fill.

Github Url: [https://github.com/signalrecruit/referral\\_system](https://github.com/signalrecruit/referral_system)

Url: [www.hrsignal.com](http://www.hrsignal.com)

**Makeandbake** – an online platform that connects cake lovers who want to purchase cakes of various kinds from cake makers/bakers.

Github Url: <https://github.com/signalrecruit/makeandbake>

Heroku app: <https://makeandbake.herokuapp.com>

**RECMAN** – RECMAN is a recruitment management software that enables recruiting agencies and companies/clients communicate effeciently to resolve recruiting requests

Github Url: [https://github.com/signalrecruit/management\\_app](https://github.com/signalrecruit/management_app)

Heroku app: <https://recmanstage.herokuapp.com/>

**Protein Synthesizer** — *this is a pretty simple ruby project that models protein synthesis to first degree/linear conformation.*

<https://github.com/paa-yaw/ruby-project-protein-synthesis>

### Current Endeavors

**Reading the following books:**

Design Patterns in Ruby, by Addison Wesley(2008)

The Well-Grounded Rubyist, by David A. Black

**Designing and Building a Web platform for Artists all over the globe.**

