

# Korir, Victor

\*\*\*\* Address\*\*\*\* | 510-\*\*\*-\*\*\*\* | [victor.korir@berkeley.edu](mailto:victor.korir@berkeley.edu)

<http://victorkorir.com> | <https://www.linkedin.com/in/vkorir> | <https://github.com/vkorir>

## EDUCATION

**University of California, Berkeley** – Berkeley, CA Expected May 2019

Bachelor of Science, Electrical Engineering and Computer Science (EECS)

Relevant coursework:

- Structure and Interpretation of Programs
- Data Structures & Algorithms in Java
- Assembly Language Programming
- Computer Organization and Architecture
- Introduction to Database Systems
- Mobile Application Development

## TECHNICAL SKILLS

**Expert:** Python, Java, JavaScript, SQL, Swift, HTML, CSS, Scheme

**Proficient:** Git, C, Ruby, PHP, Photoshop, Illustrator

**Frameworks:** Bootstrap, Foundation, Angular, Node, Meteor, jQuery

## EXPERIENCE

**Software Developer Intern** | Adobe Systems — San Jose, CA May 2017 — Present

- Build analytics segments on AEM (Adobe's CMS) to track and generate weekly usage reports on a sales application
- Developed a new feature for the app to enable user feedback reporting; doubled weekly user feedback
- Programmed a back-end feature on Acrobat using JavaScript and Python to automate internal distribution of Acrobat forms
- Created responsive custom HTML email templates and newsletters for email marketing and campaigns
- Created a fully interactive touch responsive portfolio using HTML, CSS, Foundation, and JavaScript to enhance team quarterly visual presentation

**JavaScript Developer** | Berkeley Food Institute — Berkeley, CA April 2017

- Implemented 3 UI/UX infographics for the BFI website in one week under a tight timeline using HTML, CSS, Bootstrap, jQuery and JavaScript; Increased the average page visit duration by 1.5
- Led a team of developers, and maintained close communication with UI/UX team to implement UI designs

**Business Intelligence Developer Intern** | Equity Bank — Nairobi, Kenya Jun 2016 – Aug 2016

- Imported, exported, manipulated and presented large data sets in Oracle DB using Toad for SQL
- Developed and optimized SQL queries to retrieve and analyze customer data in Oracle DB; reduced data access time by 0.5
- Wrote and automated queries and scripts to automate repeatable tasks and increase efficiency

**Tutor / Teaching Assistant** | Data Structures and Algorithms (Java) & iOS Development (Swift) — UC Berkeley Jan 2016 – Present

- Tutoring a lab of 20 students and assisting with debugging and troubleshooting code and during holding office hours
- Programmed views/templates on top of RoR using Bootstrap 4, SaSS and JavaScript; Enhanced the front-end of the site

## PROJECTS

**iOS Developer** | Usalama Application — Nairobi, Kenya Jan 2017 – Present

- Prototyping, designing, developing, adding new features and maintaining Usalama mobile app to ensure a smooth running of the app; increased downloads to 1000+ and maintained a high user rating (4.7).

**Mobile & Web App Developer** | CBE Community Project – Oakland, CA May 2016 – Present

- Programmed a fully featured iOS app to assist East Oakland residents report incidents of air pollution to CBE in real-time.
- Built the web app from ground up using Angular and Firebase. It involved a lot of prototyping, surveys and testing.

**SMS Chat Bot** Dec 2016 – Jan 2016

- Created an SMS chat bot on AWS Lambda with Claudia, Twilio API and Forismatic API using Node.
- Currently integrating with Watson AI to support natural language processing and translations.

**Web / Front-End Developer** Dec 2015 – Present

- Developed and designed UI for: <http://activityassist.com> | <http://iwili.org> | <http://realafricanexperience.co.ke> | <http://victorkorir.com> | etc.

## Course Projects

- Developed an interpreter for Scheme, a dialect of Lisp (**Python**) Fall 2015
- Coded the backend of a web mapping application using data from the OpenStreetMap (**Java**) Spring 2016
- Built a text editor from scratch without using JavaFX libraries (**Java**) Spring 2016
- Developed an interpreter for MIPS Assembly Language (**C**) Fall 2016
- Implemented a 32-bit 2-cycle processor using logic gates (**Logism**) Fall 2016
- Optimized depth map generator using SIMD, OpenMP, and Loop Unrolling (**C**) Fall 2016

## Awards

- Most Social Impact Mobile App Award by UC Berkeley Mobile Development
- Berkeley Engineering Student Services Summer Award for Tech for American Cultures