

Isaac Kamga

Community Resume

Cameroon, Francophone Africa

☎ (+237) 674106297

✉ u2isaac@gmail.com

📄 <https://plus.google.com/+IsaacKamga>



Education

- 2010 – 2015 **MSc. Computer Science**, Magna Cum Laude, The University of Buea, Cameroon.
Course work: Data Structures & Algorithms, Compilers, Databases, Parallel Machines & Architectures, Computability & Complexity Theory, Software Engineering
Thesis: *Implementation Of A Heart-shaped Primitive In BRL-CAD*
- Jan 2009 – Dec 2009 **Part-Qualified Accountant**, The Association of Certified Chartered Accountants, Glasgow, United kingdom.
Accountant In Business(F₁), *Management Accounting*(F₂), *Financial Accounting*(F₃), *Corporate And Business Law*(F₄) & *Performance Management*(F₅)
- 2005 – 2008 **BSc. Mathematics and Computer Science**, University of Buea, Cameroon.
Magna Cum Laude

Professional Experience

- 8 - 11 May 2017 **O'Reilly Open Source Convention**, Austin, Texas.
Speaker, From Africa With Love
- 2015 & 2016 **Google Summer of Code Mentor**, BRL-CAD, Maryland.
G to POV-Ray Geometry Converter
OpenSCAD Importer
- December 2014 **Google Code-In Mentor**, BRL-CAD, Maryland.
Mentored over 10 students to complete 383 tasks
- 14 – 18 Oct 2013 **Google Doc Camp Participant**, Mountain View, California.
Co-author Of HACKING BRL-CAD A Contributors Guide
- Apr 2013 – Sep 2013 **Google Summer of Code Student**, BRL-CAD, Maryland.
Implementation of a Heart primitive, Over 2000 Lines, C/C++, Imagemagick
- Feb 2013 – Apr 2013 **Legal Informatics Research Project**.
Developed mini-compilers to infer the compliance of business processes to government regulations. Over 500 Lines, C/C++, Flex, Bison
- January 2011 **Web Mining Research Seminar**, Buea, Cameroon.
A literature Review of Web Mining

Computing Skills

- Programming Languages C/C++, Java, Spring
- Software Engineering OOP, TDD, Enterprise App Development (Spring), Version Control (git, github, bitbucket), Continuous Integration (travis), Web Servers (nginx)
- Documentation L^AT_EX, DocBook, Spring RESTDocs
- Operating Systems Mac OS X, Linux (Scientific Linux & Fedora), Windows (Shell scripting & System programming)
- Office Work Google Docs, Open Office Suite, Google Drive Apps
- Github profile <https://github.com/Izakey>
- SpeakerDeck Profile <https://speakerdeck.com/ikamga>

Community Involvement & Volunteering

- Aug 2013 – Aug 2015** **Organizer, Google Developer Group Buea (GDG Buea)**
April – May 2015 **PL / Meet-ups.**
Organised 9 facilitators to instruct 30 University students programming in C, C++, Java, Python & JavaScript
- February – March 2015** **Buea Android Study Jams.**
Organised over 7 sessions where an Accredited facilitator taught 5 students how to develop scalable Android apps
- November 28 – 29 2014** **Polymer Code Lab & Hackathon.**
Organised & provided content for the development of the GDG Buea website.
- October 10 – 11 2014** **Hack 'n Droid Weekend.**
Organised a 48-hour Android hackathon to develop a voting app for Audience Choice Awards
- August 18 – 20 2014** **Google CS4HS 2014 Workshop.**
Co-presented some of Google's opportunities for Educators to over 30 Computer Science teachers
- April 2014** **Google Summer of Code 2014.**
Increased the number of accepted students from University of Buea to 3
- March 2014** **Google Summer of Code 2014.**
Mentored over 20 students to apply for the GSoC 2014 program
- November 3 2013** **Google Cloud Developers Challenge 2013.**
Organised the launching of GCDC 2013 in Buea
- October 2014 – Present** **GDG Country Mentor for Cameroon**
- November 16-21 2015** **Devfest Fako 2015, Buea, Cameroon.**
Co-ordinated the development of 3 apps during a week-long Hackathon.
- November 2015** **GDG Devfest Season in Cameroon.**
Grouped 9 GDGs into 3 Devfest clusters.
- October 10 2015** **Cameroon Programming Contest 2015.**
Organised and coached 3 teams of coders.
- August – Sept 2015** **MTN Innovation Challenge 2015.**
Mentored teams to develop 4 winning apps in 7 events.
- June 20 2015** **Silicon Mountain Conference 2015.**
Delivered Keynote Speech On Building A Community That Codes
- May 28 - 29 2015** **Google I/O '15, San Francisco, California.**
Offered free ticket to attend Google's biggest developer conference
- May 26 - 27 2015** **Google Developer Group Global Summit, Mountain View, California.**
Offered free ticket to represent GDGs from Cameroon
- April 2015** **Google Summer of Code 2015.**
Quadrupled the number of accepted students in Cameroon to 12
- March 14 – 15 2015** **GDG Country Mentors Summit 2015, Nairobi, Kenya.**
Boosting Android Study Jams Using Installfests
- March 2015** **Cameroon Open Source Summits.**
Inspired students at 4 Universities viz Bambili, Bandjoun, Buea & Yaounde to contribute to open source.

Languages

Trilingual **English (Excellent), French (Excellent), Pidgin English (Fluent)**

Awards & Scholarships

- 2014** **Laureate, Research Excellence Awards in Computer Science at The University of Buea, Cameroon**
- 2010 – 2013** **Laureate, President of the Republic of Cameroon's Academic Excellence Awards**