Isaac Kamga

M.Sc. Computer Science

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🖥 *https://github.com/Izakey*

Education

2010 – 2015	**MSc. Computer Science**, *University of Buea, Cameroon.*
	Course work: *Data Structures & Algorithms, Compilers, Databases, Parralel 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(F_1), Management Accounting(F_2), Financial Accounting(F_3), Corporate And Business Law(F_4) & Performance Management(F_5)
2005 – 2008	**BSc. Mathematics and Computer Science**, *University of Buea, Cameroon.*
	Magna Cum Laude

Professional Experience

April 2015 – Aug 2015	**Google Summer of Code Mentor**, *BRL-CAD, Maryland.*
	G to POV-Ray Geometry Converter
	OpenSCAD Importer
Dec 2014 – Jan 2015	**Google Code-In Mentor**, *BRL-CAD, Maryland.*
	Mentored over 10 students to complete 383 tasks
14 – 18 Oct 2013	**Google Doc Camp Independent Participant**, Mountain View, California.
	Co-authored 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, 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, Flex, Bison***
January 2011	**Web Mining Research Seminar**, Buea, Cameroon.
	A literature Review of Web Mining

Computing Skills

Programming Languages	C/C++, Javascript, LaTeX
Software Engineering	OOP, TDD, EDD, Version Control (git, github, bitbucket), continuous integration (travis)
Operating Systems	Linux, Windows (plus shell scripting & system programming skills)
Github profile	https://github.com/Izakey

Community Involvement & Volunteering

Aug 2013 – Aug 2015	**Founder, Google Developer Group 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	**Country Mentor, Google Developer Groups Cameroon**
October 10 2015	***Cameroon Programming Contest 2015***. *Organised and coached 2 teams of coders.*
August – Sept 2015	***MTN Innovation Challenge 2015***. *Mentored teams to develop 4 winning apps in 7 events.*
April 2015	***Google Summer of Code 2015***. *Quadrupled the number of accepted students in Cameroon to 12*
May 28 - 29 2015	***Google I/O '15**, San Francisco, California*. *Offered free ticket to attend Google's biggest developer conference*
June 20 2015	***Silicon Mountain Conference 2015***. *Delivered Keynote Speech On Building A Community That Codes*
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** (*Native*), **French** (*Native*), **Pidgin** (*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*

Interests

Research	Data Mining, Graphics, Business Process Compliance
Hobbies	Jazz, Jogging, Reading