

Isaac Kamga

M.Sc. Computer Science

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📄 <https://github.com/Izakey>



Education

2010 – 2015 **MSc. Computer Science**, University of Buea, Cameroon..

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

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**, Mountain View, California.

*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, L^AT_EX

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 GCDL 2013* in Buea
- October 2014 – Present **Country Mentor, Google Developer Groups Cameroon**
- August – Sept 2015 **MTN Innovation Challenge 2015.**
Mentored developers to build upto 6 apps in 7 events.
- April 2015 **Google Summer of Code 2015.**
Quadrupled the number of accepted students in Cameroon to 12
- 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

Bilingual **English** (*Native*), **French** (*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 Reading, jogging