

# Isaac Kamga

## M.Sc. Computer Science

Buea, Cameroon

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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(F<sub>1</sub>), Management Accounting(F<sub>2</sub>), Financial Accounting(F<sub>3</sub>), Corporate And Business Law(F<sub>4</sub>) & Performance Management(F<sub>5</sub>)*

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<sup>A</sup>T<sub>E</sub>X

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 GCDG 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 6 events.*
- April 2015 **Google Summer of Code 2015.**  
*Quadrupled the number of accepted students in Cameroon to 12*
- 14 – 15 March 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