Carlos E. López Camey

Contact Information	Stöckenhöfe 6, 79299, Wittnau, Germany	http://kmels.net c.lopez@kmels.net *Tel:* +49 0160 9671 2326

Birth and Citizenship 05.12.1989, Guatemala

Education

University of Freiburg, Freiburg im Breisgau, Germany

B.Sc. in Computer Science (2012-2014)

Universidad Del Valle de Guatemala, Guatemala City, Guatemala

Three and a half years of B.Sc. in Computer Science (2008-2011)
- Interim President of the Computer Science Students Association, 2009
- Teaching Assistant, Algorithms and Data Structures, 2010 and 2011

Colegio Suizo Americano, Guatemala City, Guatemala

Programming oriented High School (2006-2007)

Scholarships

Universiteit Utrecht, Utrecht, Netherlands

Applied Functional Programming in Haskell (2012) Full course scholarship (835 euros)

ACM SIGPLAN-SIGACT, Rome, Italy, 2013

40th Symposium on Principles of Programming Languages (2013) Registration and travel expenses (950 US dollars)

Work experience

Programming Languages Group, University of Freiburg

Research Assistant   **February 2013-**
- DART Haskell, a program that detects errors in Haskell programs

Digitalgeko,

Web Developer   **Aug 2010-Jan 2011**
- Participated in the development of two systems for the Goverment of Timor-Leste in a team of 4 persons. Java technologies were used (Spring Framework, Hibernate, Stripes Framework).
- Implemented a website in TYPO3.

Tecnomaya S.A., Guatemala City, Guatemala

System Administrator/Mantainer.   **Jan 2008-Apr 2009**
- Developed the apportionment system control in MS Access.
- The intranet system, based on SugarCRM and the Xoops Platform.

Elex de Guatemala S.A.

Freelance, **Jan 2011-May 2011**

- Redesigned database to implement an admin interface in elexsa.com
- Implemented mobile website version in elexsa.com/movil

OPEN SOURCE
PROJECT
CONTRIBUTIONS

XMonad, worked on XMonad.Prompt and created the module XMonad.Actions.Launcher

TECHNICAL

Programming languages: Java (2 years of experience), Scala (1 year), Haskell (6 months).

Less often or previously used: Javascript, PHP, Python, Emacs and Common Lisp, C, Assembly 8086.

Versioning Control Systems: SVN, Mercurial, Git, darcs.

Operating Systems: Mac OS X, Windows XP/Vista, Linux Ubuntu.

Tools and Libraries: Play framework, LaTeX, PGF (TikZ), sage, gnuplot, HTML and CSS, GTK.

INTERESTS AND
HOBBIES

The art of programming, Functional Programming, program verification, Free and Open Source Software, Mathematical Logic, Music, Squash, Beer.

CURRENT/PAST
ORGANIZATION
MEMBERSHIP

Universidad del Valle de Guatemala, Computer Science Students Association (AECC), 2009-2010.

LANGUAGE SKILLS

Spanish: Native speaker

English: Fluent, 15+ years of continuous practice)

German: Conversational/Fluent

Official certificates:

- **DSH-2**, Language Teaching Center, University of Freiburg. **2012**
- **TOEFL**, Advanced in writing, hearing and reading. Intermediate in speaking. **2012**
- **ELASH**, Colegio Suizo Americano **2007**
- **Embassy Certificate of English**, Embasy CES **2007**

MISCELLANEOUS
COURSES

Applescript with Sal Soghoian, MacWorld Expo 2009, *San Francisco, CA.* **Jan 2009**

Embassy Certificate of English, Embasy CES, *Hastings, UK* **Nov 2007**

Presentaciones Juveniles, Dale Carnegie Training, Dale Carnegie & Associates, Inc., *Guatemala City, Guatemala*   **March 2004**

Dale Carnegie Course for Teenagers, Dale Carnegie & Associates, Inc., *Guatemala City, Guatemala*   **Dec 2003**

REFERENCES   Available upon request