

## Carlos E. López Camey

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CONTACT INFORMATION	Stöckenhöfe 6, 79299, Wittnau, Germany	<a href="http://kmels.net">http://kmels.net</a> <a href="mailto:c.lopez@kmels.net">c.lopez@kmels.net</a> Tel: +49 0160 9671 2326
BIRTH AND CITIZENSHIP	05.12.1989, Guatemala	
EDUCATION	<b>University of Freiburg</b> , Freiburg im Breisgau, Germany Enrolled in the B.Sc. program of Computer Science (Oct 2012-Jul 2013)  <b>Universidad Del Valle de Guatemala</b> , Guatemala City, Guatemala Three and a half years of B.Sc. in Computer Science (2008-2011) <ul style="list-style-type: none"><li>• Interim President of the Computer Science Students Association, 2009</li><li>• Teaching Assistant, Algorithms and Data Structures, 2010 and 2011</li></ul> <b>Colegio Suizo Americano</b> , Guatemala City, Guatemala Programming oriented High School (2006-2007)	
SCHOLARSHIPS	<b>Universiteit Utrecht</b> , Utrecht, Netherlands  Applied Functional Programming in Haskell (2012)      Full course scholarship (835 euros)  <b>ACM SIGPLAN-SIGACT</b> , Rome, Italy, 2013  40th Symposium on Principles of Programming Languages (2013) Registration and travel expenses (950 US dollars)	
WORK EXPERIENCE	<b>Programming Languages Group</b> , University of Freiburg <i>Research Assistant</i> <b>February 2013-July 2013</b> <ul style="list-style-type: none"><li>• <b>dart-haskell</b> (<i>work in progress</i>), a program that simulates Haskell programs recurrently to find cases that make it fail.</li></ul> <b>Digitalgeko</b> , <i>Web Developer</i> <b>Aug 2010-Jan 2011</b> <ul style="list-style-type: none"><li>• Participated in the development of two systems for the Government of Timor-Leste in a team of 5 persons. Java technologies were used (Spring Framework, Hibernate, Stripes Framework).<ul style="list-style-type: none"><li>• <b>Timor-Leste Budget Transparency Portal</b>,</li><li>• <b>Timor-Leste eProcurement Portal</b></li></ul></li><li>• Implemented a website in TYPO3.</li></ul> <b>Tecnomaya S.A.</b> , Guatemala City, Guatemala <i>System Administrator/Maintainer.</i> <b>Jan 2008-Apr 2009</b> <ul style="list-style-type: none"><li>• Developed the apportionment system control in MS Access.</li><li>• The intranet system, based on SugarCRM and the Xoops Platform.</li></ul>	

## Elex de Guatemala S.A.

*Freelance,*

**Jan 2011-May 2011**

- Redesigned database to implement an admin interface in [elexsa.com](http://elexsa.com)
- Implemented mobile website version in [elexsa.com/movil](http://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 (1.5 years of continuous programming).

**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,  $\text{\LaTeX}$ , 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**, Embassy CES **2007**

### MISCELLANEOUS COURSES

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

**Embassy Certificate of English**, Embassy 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