

# AARON CIAGHI

**Researcher - Full stack developer - Project manager**

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## Web

<http://aaronsama.github.io>

Github: [aaronsama](#)

LinkedIn: [aaron.ciaghi](#)

## Skype

a2ron-sama

## Technologies

### Frontend

JavaScript, HTML5, CSS3,  
jQuery, AngularJS, SASS,  
Bootstrap, MDL

### Backend

Ruby, Ruby on Rails, Node.js  
(learning)

### I'd like to learn

Angular 2, React

## Bio

I'm a resarcher in ICT and a full stack developer with 4+ years of experience in Agile software development in Ruby on Rails. I developed web applications for

## Work experience

- > **Fondazione Bruno Kessler - ICT Research Centre**  
Researcher, 2014 - present  
Managed and actively involved in various software development projects for social good. Coordinated the writing of grant proposals (including FP7 and H2020). Conducted research work in ICT4D, Food Waste supply chain and Agile Software Development. Organized and conducted training in Mozambique and South Africa on Agile software development. Supervised students, junior developers as well as BS and MS theses in Computer Science.
- > **University of Trento - Department of Cognitive Sciences**  
Lecturer, 2016  
Designed and taught a 15 hours course on modern web technologies for the technical personnel of the Department. Topics covered included advanced Javascript concepts, SASS, AngularJS and Ionic Framework basics.

# Volunteering

- AFS Intercultural Programs (since 2002)
- Yomoyamabanashi (since 2007)

# Fun fact

This resume was generated with

<https://github.com/tiborsaas/node-resume>

- **Belka s.r.l.**  
Consulting Developer, 2015  
Bootstrapped the development of a mobile application for peer-to-peer delivery using Ionic, Cordova and AngularJS. This included estimation of user stories and introduction of coding standards and best practices.
- **Fondazione Bruno Kessler and University of Trento**  
PhD Student, 2010 - 2014  
Full-time PhD student at the ICT Doctoral School of the University of Trento conducting work at Fondazione Bruno Kessler in ICT for Development, focusing on software development processes and project management for ICT4D projects.

# Education

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- 2010 - 2014  
University of Trento - PhD in Information and Communication Technologies
- 2007 - 2010  
University of Trento and Georgia Institute of Technology - MS Degree in Computer Science
- 2004 - 2007  
University of Trento - BS Degree in Computer Science

# Teaching

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- 2016  
University of Trento - Department of Cognitive Sciences  
Advanced Javascript and client-side web frameworks
- 2011 - 2013  
Maputo Living Lab  
Summer School of ICTs and Summer School of Ruby on Rails
- 2010 - 2012  
University of Trento - Department of Information Engineering and Computer Science  
eGovernment Case Studies (part of the Professional Master of Technologies for eGovernment)

# Publications

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- > Ciaghi, A. (2014). **Standardizing ICT for Development: Towards the Definition of a Standard Process and Maturity Model for ICTD Projects**. PhD Thesis. Information and Communication Technology Doctoral School, University of Trento
- > Ciaghi, Aaron and Villafiorita, Adolfo and Dalvit, Lorenzo (2014). **Understanding Best Practices for ICTD Projects: towards a Maturity Model**. In ICTs for inclusive communities in developing societies. Proceedings of the 8th International Development Informatics Association Conference. Steyn, J. and Van Greunen, D. (Eds.)
- > Ciaghi, Aaron and Molini, Pietro and Villafiorita, Adolfo and Weldemariam, Komminist (2013). **Maputo Living Lab Summer School of ICTs: an Experience Report**. In IST-Africa Conference Proceedings, 2013. Paul Cunningham and Miriam Cunningham (Eds.)
- > Ciaghi, Aaron and Eshete, Birhanu and Molini, Pietro and Villafiorita, Adolfo (2013). **Social Accountability for Mozambique: An Experience Report from the Moamba District**.
- > Ciaghi, Aaron and Eshete, Birhanu and Molini, Pietro and Villafiorita, Adolfo (2013). **SAMo: experimenting a social accountability web platform**. In Proceedings of the 3rd ACM Symposium on Computing for Development.
- > Ciaghi, A. and Villafiorita, A. (2012). **Crowdsourcing ICTD Best Practices**. 3rd International Conference on E-Infrastructure and E-Services for Developing Countries, p. 167–176.
- > Ciaghi, A. and Villafiorita, A. (2012). **Law Modeling and BPR for Public Administration Improvement**. Handbook of Research on E-Government in Emerging Economies: Adoption, E-Participation, and Legal Frameworks, p. 391.
- > Ciaghi, A. and Villafiorita, A. and Chemane, L. and Macueve, G. (2011). **Stimulating development through transnational Living Labs: The italo-Mozambican vision**. In IST-Africa Conference Proceedings, 2011. Paul Cunningham and Miriam Cunningham (Eds.)
- > Ciaghi, A. and Villafiorita, A. (2011). **Improving Public Administrations via Law Modeling and BPR**. 3rd International Conference on E-Infrastructures and E-Services for Developing Countries, p. 69–78.
- > Ciaghi, A. and Weldemariam, K. and Villafiorita, A. (2011). **Law Modeling with Ontological Support and BPMN: a Case Study**. In CYBERLAWS 2011, The Second International Conference on Technical and Legal Aspects of the e-Society.
- > Ciaghi, A. and Dalla Valle, A. and Villafiorita, A. (2011). **Adapting Software Metrics to Analyze the Evolution of Laws: an Italian Case Study**. In Jurix 2011 Conference Proceedings. IOS Press.
- > Ciaghi, Aaron (2010). **Towards a Modeling Framework for Law-Making**. Master's Thesis. Università degli Studi di Trento.

- > Ciaghi, A. and Villafiorita, A. and Weldemariam, K. and Mattioli, A. and Phan, Q.S. (2010). **Supporting Public Administration with an Integrated BPR Environment**. First International Conference on E-Infrastructures and E-Services on Developing Countries, p. 50–59.
- > Ciaghi, A. and Mattioli, A. and Villafiorita, A. (2010). **A tool supported methodology for BPR in Public Administrations**. International Journal of Electronic Governance, 3 (2), p. 148–169.
- > Ciaghi, A. and Villafiorita, A. and Mattioli, A. (2009). **VLPM: a Tool to support BPR in Public Administration**. In Digital Society, 2009. ICDS'09. Third International Conference on.
- > Ciaghi, Aaron (2007). **Dalle Leggi ai Modelli: Strumenti e Metodologie**. Bachelor's Thesis. Università degli Studi di Trento.