

AARON CIAGHI

Researcher - Full stack developer

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Technologies

Backend

Ruby, Ruby on Rails

Frontend

JavaScript, HTML5,
CSS3/SASS, React/Redux,
jQuery, Bootstrap, MDL/MCW

Devops

Docker

Languages

Italian – native

English – fluent

Bio

I'm a researcher in ICT and a full stack developer with 5+ years of experience in Agile software development in Ruby on Rails. My current focus is on the design and implementation of web/mobile applications that address social issues and for rural areas in the Global South.

Work experience

- **Fondazione Bruno Kessler - ICT Research Centre**
Researcher, 2014 - present
Managed and actively involved in software projects for social good. Coordinated the writing of grant proposals (including FP7 and H2020). Conducted research in ICT4D and Food Waste supply chain. Organized and conducted training in Mozambique and South Africa on Agile software development. Supervised students, junior developers, BS and MS computer science theses.
- **Horecapp s.r.l.s.**
Senior Developer, 2017
Developed a progressive web application for beverage wholesalers to receive orders directly from their clients. Responsibilities included leading the development process using Agile methods, supporting clients in the transition and business development.

Japanese – intermediate

Portuguese – basic

German – basic

Mandarin Chinese – basic

Volunteering

AFS Intercultural Programs (since 2002): currently founder and president of my area's chapter.

Yomoyamabanashi (since 2007): board member in 2010-2014

Fun fact

This resume was generated with my fork of [node-resume](#) and is also available in JSON format.

- **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 the introduction of coding standards and best practices.

Projects

- **BringTheFood Ristorazione**
Web application for charities and canteens to track food waste and donate the daily surplus. Contributed to doubling the donations received from canteens by the local food bank.
<https://ristorazione.bringfood.org>
- **BringTheFood**
Web application and API for charities and donors of food surplus.
<https://www.bringfood.org/>
- **Commonfare Story Builder**
React component for the Commonfare platform to write articles in multiple languages.
<https://www.commonfare.net>
- **Sea for All**
Boat sharing web application. (side project)
<https://www.seaforall.com>
- **SAMo - Social Accountability for Mozambique**
Web application and API to help citizens support Governments in assessing the current status of facilities in Mozambique's rural areas.
<http://ict4sa.org/samo>

Education

- 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