Renzo Carbonara

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- **Senior Software Engineer** at Takt.com — 2016–2017
  Building reliable software and infrastructure using Haskell and Nix.

- **Senior Software Engineer** at Fynder.io — 2013–2015
  Designed and built the company's **web and mobile** products from the ground up, enabling service providers and their customers to manage their capacity. *Haskell, NixOS, Clojure, SQL.*

- **Senior Software Engineer** at Brilliant.org — 2013
  Designed and built software for the company's **web** product, which helped smart children around the world to continue learning mathematics and physics. *Python, JavaScript, SQL.*

- **Senior Software Engineer** at Satellogic — 2012
  Designed and built software for the company's first small **space satellite**, which successfully launched and **orbited planet Earth** for over a year. *C, FreeRTOS.*

- **Senior Software Engineer** at Binaria Group — 2011
  Designed and built software for social networks **data retrieval, processing and analysis**, all of which later became the company's main focus. *Python, Scala, systems administration.*

- **Senior Software Engineer** at The Whuffie Bank — 2010
  Built software for the startup's **web** product, which attempted to create a virtual currency based on social reputation. *Python, JavaScript, SQL, systems administration.*

- **Senior Software Engineer** at Machinalis, Bixly and FiveQ — 2009–2010
  Built e-commerce and institutional **web** products tailored for specific customer needs, routinely planning together with them. *Python, JavaScript, SQL.*

- **Senior Software Engineer** at Popego — 2008–2009
  Designed and built software for the startup's web product: a **social network** aggregator where content was tailored to your interests. *Python, JavaScript, SQL, systems administration.*

- **Owned and managed** a small city-wide wireless ISP — 2005–2007
  Managed **my own wireless internet service provider**, including the hardware and software both mine and of my customers. Did my own customer management and accounting.

- **Solving** people's computer problems — 2003–2007
  Installed and maintained domestic hardware, networks and software on Windows and GNU/Linux operating systems. Did my own customer management and accounting.

Education

- **Coursera**, **edX** classes — *coursera.org, edx.org* — 2012–2015
  Various courses related to programming languages, communication, maths, international organizations, languages, philosophy, genetics and health.

- **Information Systems Engineering**, *first year* — Universidad Tecnológica Nacional, Argentina — 2007
- **Cisco Certified Network Associate** *CCNA* — Universidad Tecnológica Nacional, Argentina — 2003–2006
- **First Certificate in English** *FCE* — University of Cambridge, UK — 1998–2005
- **Programming Analyst** — Instituto Argentino de Computación, Argentina — 2001–2003
- **Portuguese: Intermediate Level** — Instituto Amarelo de Lengua Portuguesa, Argentina — 2001–2003
- **High school** — Escuela Normal Mariano Moreno, Argentina — 2001–2005

Speaking Languages: expert **Spanish**, **English**; intermediate **French**, **Italian**; basic **German**, **Portuguese**.

Programming Languages *I either use them now or have used them in the past*: **Haskell**, Nix, Scala, Python, OCaml, Agda, Scheme, Clojure, C, Common Lisp, Kernel, Forth, Erlang, SML, Ruby, Lua, JavaScript, SQL, Go, sh, Vala, Java, C++, Pascal, Visual Basic, Perl, PHP, assembly.

Open Source

I am an active *Open Source* software contributor. I authored and maintain libraries in the Haskell, Nix and Python ecosystems. You can find references to much of my open source code at *http://ren.zone* and *http://github.com/k0001*.

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