

Nicolas Goy

Curriculum Vitae, 8.2017

CONTACT INFORMATION
Nicolas Goy
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PERSONAL DETAILS
Swiss national. Married. Two children. Born in 1984.

EMPLOYMENT
2011–current Technical director for Memoways SARL¹.
2002–current CEO, programmer and IT architect at Goyman.com SA.
2009–2013 Ruby on Rails and Cappuccino programmer for Gatemedia SA².
1999–2002 Freelance in IT administration and deployment.

NOTABLE WORK
2016 Distributed Video storage platform using “Elixir” and “Erlang”.
2016 Experimental work on AI and deep learning for ECG analysis and automatic diagnosis.
2015 Programmer and Architect for diverse video navigation platforms using “React”.
2014 Creation of one of the first CoreOS/Docker server cluster for Memoways video service.
2012 Port of the Objective-J language from the “Cappuccino”³ project to NodeJS and general project support.
2009 Programmer and system architect for the “Walking the Edit project”⁴.
2008 Pioneer in iPhone development and significant participation in low level iPhone programming.
2008 Technical director of ECG interactive book (in partnership with Medtronic and MSD).
2007 Test writer for Expert Rating in numerous technical areas.
2004 Promoted Goyman.com SA to Sun, Cisco and Oracle partner.
2003 Design, building and exploitation of a small private datacenter of 1000 rack unit capacity.
2002 Main programmer of several large Web Object based web applications.
1999–current Active open source contributor and supporter.
1999–current Implementation of numerous IT projects, from home user to midsized corporation.

¹<http://memoways.com>

²<http://gatemedia.ch>

³<http://www.cappuccino-project.org>

⁴<http://walking-the-edit.net>

**FIELDS OF
EXPERTISE**

General knowledges:

- Programming in most modern languages, from architecture to implementation.
- IT systems architecture, planning to deployment and maintenance.
- Cloud computing and large scale infrastructure.
- User Interface design and implementation. Human-machine interaction and models.
- Computing and information theory, algorithm and abstraction theory.
- Electronic, PCB design and microcontroller programming.

Specialties:

- Elm, Javascript, Typescript and web technologies.
- Elixir/Phoenix, Ruby/Rails and agile web applications.
- C, OpenGL and graphic programming.
- Android and iOS programming.
- FreeBSD and Linux administration and virtualization (BHyVe, Xen, Docker).
- Service platforms (Heroku, Amazon S3/EC2, Rackspace).
- General networking.

**LANGUAGE
PROFICIENCIES**

French	Mother Tongue
English	Fluent
Japanese	Basic knowledge
German	Basic knowledge

INTERESTS

Video Games, Piano, Martial Arts, Aviation (Private pilot licence)