Curriculum Vitae

October 2016

Personal information

Name:	Michiel Borkent
Phone:	By request via e-mail
E-mail:	michielborkent@gmail.com
Website:	http://michielborkent.nl
Year of birth:	1981
Place of birth:	Den Ham
Nationality:	Dutch
Sex:	male
Title:	M.Sc. (Master of Science)
Marital status:	married

Education

08-1999 - 11-2005	Computer Science, University of Twente, Enschede, The Netherlands.
	Master of Science. Specialization in Human Media Interaction.
09-1993 - 07-1999	VWO (pre-university secondary education), Greijdanus College, Zwolle, The Netherlands

Experience

09-2016 / current	**Freelance software developer.** Clojure and ClojureScript development.
02-2016 / 06-2016	**Software developer**, Simacan BV. Startup in traffic data. Used technologies: Scala, JavaScript, React, Docker, AWS
09-2013 / 02-2016	**Software developer**, Finalist ICT Solutions. Consulting for customers in education and health care. Used technologies: Clojure(Script), Reagent, React, Datomic, Java, Ruby on Rails.
03-2010 / 08-2013	**Lecturer Information Technology**, University of Applied Sciences Utrecht. As a lecturer I have developed and taught courses primarily about programming: C#/.NET, Clojure, Java, Python, HTML/CSS.
12-2008 / 02-2010	**Software developer Business Intelligence and Datawarehousing**, ICT Center of the Dutch National Tax Service. Used technologies: SAS, SQL, Data Integration Studio
02-2006 / 07-2008	**Software developer**, Medialab Solutions Implementation, maintenance and extension of the Aquabrowser, a search engine for public libraries. Used technologies: C#, ASP.NET, Vbscript, Delphi
02-2005 / 11-2005	**Final thesis assignment**, Music Mind Machine group, Radboud Universiteit Nijmegen. Topic: automating the analysis of timing in music performances using a linear model of expression. Used technologies: Common LISP
09-2004 / 01-2005	**Internship**, Music Mind Machine group, Radboud University Nijmegen Topic: application of functional programming in the modeling of musical expression Used technologies: Common LISP

Presentations / workshops

From time to time I give presentations or workshops at meetups, universities or conferences. To name a few:

05-2016	Functional Programming in Practice, University of Applied Sciences, Utrecht
07-2015	Asynchronous programming with Clojure(Script), Sytac Devjam, Haarlem
11-2014	ClojureScript for the web / ClojureScript interfaces to React, Øredev, Malmö, Sweden
10-2014	Immutable Stack workshop, Devnology Community Day, Leusden

Courses

Some online courses I completed recently.

06-2014	Functional programming principles in Scala (Coursera, verified certificate)
06-2014	R Programming (Coursera, verified certificate)
06-2014	The Data Scientist Toolbox (Coursera, verified certificate)
06-2014	Getting and Cleaning Data (Coursera, verified certificate)

Interests and hobbies

- Functional programming, preferably using Clojure. I blog about Clojure here: http://blog.michielborkent.nl/
- Progressive rock and metal
- Piano playing
- Preventive lifestyle choices: whole foods plant based eating, walking, meditation

Publications

02-2006	Windsor, W.L., Desain P., Penel A., and Borkent M. A structurally guided method for decomposition of expression in music performance. In: The journal of the Acoustic Society of America; vol. 119, afl. 2, pag. 1182-1193 (12) / 2006