

# Curriculum Vitae

October 2016

## ***Personal information***

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Website: <http://michielborkent.nl>  
Date of birth: 08-02-1981  
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.michieltorkent.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
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