

# Michiel Joris van Oosten

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**Company Recruitment team**

April 11, 2020

Dear Sir or Madam,

I am a Dutchman who has been living in Australia since 1994.

I am self-taught in both programming and piano. I began programming in my early teens and started playing piano at nineteen. I finished a conservatorium education in Australia in my mid twenties. Programming has been an undercurrent throughout my whole life, and after having explored music for some time I focused on programming since about 2012-13.

I hope to bring thoroughness, ideas and architectural (and artistic) insight to a team and projects. I enjoy designing and thinking about long term design and implementation of these designs.

My coding environment: laptop running Linux (Ubuntu), i3wm, Emacs and Chrome/Firefox, my own tools. All my code is on github. A guide is on my site at [axion5.net/my-github.html](http://axion5.net/my-github.html).

Some more background info:

- I went to VWO (Science preparatory school), courses in maths, history and philosophy at Universities of Leiden and Amsterdam. Degree in piano at Brisbane Griffith Conservatorium.
- Favorite language is lisp after working through TEOCS in Common Lisp.
- Wrote my own server, build and module system. It does for me what most people use Express, Grunt/Gulp/Brunch and Browserify for.
- Java and C++ put me thoroughly off OOP. Functional approach is better.
- Studying CS curriculum when time allows (SICP will be finished one day)
- Working knowledge of html and css (and sass and less etc), but not overly fond of it.
- Would love to write in and learn more about Haskell and Erlang, but also D, Rust and Julia.
- Dream project: write Lisp operating system..
- Major long term interest: computer systems' software reliability, robustness. Ultimately software should be somehow self repairing, self-reliant and with built-in redundancy, and as a whole extremely fault tolerant.

Some more background info is on [careers.stackoverflow](https://careers.stackoverflow.com) and [linkedin](https://www.linkedin.com/in/michieljoris). Yours faithfully,

**Michiel Joris van Oosten**

*Attached: curriculum vitae*



# Michiel Joris van Oosten

*Self taught programmer. Analytical and thorough. Forever inquisitive.*

## Education

- 1982–1988 **VWO (Preperatory Scientific Education)**, *Pax Christi College*, Druten, The Netherlands, .  
Graduated with maths and science subjects. Beta subjects at Dutch high schools.
- 1988–1993 **Courses in Maths, Philosophy and History**, *Universities of Leiden and Amsterdam*, Leiden and Amsterdam, The Netherlands, .  
Enrolled in maths degree right after high school. Changed to philosophy after a year. Took some time off then started history degree. Left in '93 for Australia to do music education.
- 1995–1998 **Diploma of Music**, *Griffith University*, Brisbane, Australia, .  
Self taught pianist from 89. Auditioned in '93. Music is difficult but one of the few worthy challenges in life I think.

## Work

- 2015–2020 **Programmer**, *DigitaleChecklisten*, Amsterdam, Netherlands.  
Startup, offering checklists, but on top of that analytics, and case/process management
- Added features such as search and filter, contact management, user interface, testing framework to the main app, but also worked on upgrading, importing data and general bug fixing in both front (Ember) and backend (Rails).
  - Built the accompanying admin app in clojure.
- 2013–2014 **IT Consultant**, *Mamre*, Brisbane, Australia.  
Disability organisation. Implemented databases, websites and supplied general IT support
- Developed two websites which were in production for a few years
  - Technologies used: Drupal, CiviCRM, Apache, Linux, VPS (Linode).
  - Held tutorials on the use of Drupal and CivCRM.
- 2012–2014 **Developer and maintainer of website**, *Firstdoor*, Brisbane, Australia.  
Business website
- Built from scratch on nodejs
  - Technologies used: Javascript, HTML, CSS, Nodejs, AngularJS
  - Served by custom built server: [github.com/michieljoris/bb-server](https://github.com/michieljoris/bb-server)
- 2011–2013 **Developer of web application**, *Multicap*, Brisbane, Australia.  
Roster and time sheet management app.
- Built using CouchDB and SmartClient

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2001–2013 **Piano studio**, *Self-employed*, Brisbane, Australia.  
 Self taught pianist. Started playing piano at 19. Finished music conservatorium at 1998.  
 Some public performances.  
 ○ Loved teaching all levels for 10+ years, giving occasional charity concerts.

#### Miscellaneous

2011–2014 **A number of other websites and projects**, *Private contractors*, Brisbane, Australia.  
 Some built on Nodejs, some using Drupal  
 ○ Examples: [www.greenglass-terrariums.com](http://www.greenglass-terrariums.com), [julangart.com](http://julangart.com)

### Computer Languages

Clojure(Script)	<b>Advanced</b>	<i>Main language used at work (and for fun) last couple of years</i>
Javascript	<b>Advanced</b>	<i>Built full stack framework in it (2014), Ember was frontend framework at work last couple of years</i>
Ruby	<b>Intermediate</b>	<i>Rails was backend framework at work last couple of years</i>
Lisp	<b>Intermediate</b>	<i>Did TEOCS in Common Lisp, Scheme for SICP</i>
Java	<b>Intermediate</b>	<i>Not my favorite, but I did do some hobby projects</i>
C	<b>Intermediate</b>	<i>Learned to program in C as a teenager</i>
HTML, CSS, SQL	<b>Intermediate</b>	<i>Know what I need</i>
Haskell, Ruby, Coffeescript, Erlang, PHP	<b>Beginner</b>	<i>Dabbled and/or read some books on them</i>

### Computer skills

Databases	CouchDB, MySql	Libs	React, Ember, Rails
Editors	Emacs, Vim	CMS	Drupal, Joomla
OS	Ubuntu, Windows, MacOS	Other	Docker, Vagrant

### Natural Languages

Dutch	<b>Fluent</b>	<i>Mother tongue</i>
English	<b>Fluent</b>	<i>Resident of Australia since '94</i>
German	<b>Intermediate</b>	<i>Understand it mostly</i>
French	<b>High school level</b>	

### Other interests

○ Piano, speed skating, cycling, sailing, classical music, literature.