ALESSANDRO VERMEULEN   24-11-1988   CURRICULUM VITAE

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OBJECTIVE

- My goal is to expand my understanding of academical topics in Computer Science such as Compilers, Program Analysis, and other fields encompassing Software Technology. In addition I strive to connect the technical aspects and the customer demands in the software development process.

  In addition I support my colleagues in embracing functional programming aspects by engaging them in discourse, online courses, and preparing technical challenges.

CURRENT WORK[1]

- **ING Netherlands**—Amsterdam, The Netherlands
  september 2013 - present
  - Introducing functional, pure, and asynchronous programming
  - Working on real-time, distributed, actor-based systems

- **Young Colfield**—Amsterdam, The Netherlands
  september 2013 - present
  - ING Top Engineer

EDUCATION

- **Utrecht University**—Utrecht, The Netherlands
  MSc Computing Science (Software Technology) (September 2010 - August 2013)

- **Utrecht University**—Utrecht, The Netherlands
  BSc Computing Science with Honours (September 2007 - August 2010)

PAST EXPERIENCE[2]

- **Beta Faculty, Utrecht University**—Utrecht, The Netherlands
  Programmer: January 2011–December 2011 (0.4-0.8fte)
  - UU Beta Survey system "Caracal".

- **Utrecht University**—Utrecht, The Netherlands
  Teaching Assistant: November 2009–2013 (0.2-0.4fte)
  - Functional Programming;
  - Internet Programming.

- **BINK software B.V.**—Dordrecht, The Netherlands
  Programmer: October 2006–december 2013 (0.2-1fte)
  - Technical design and implementation of several Customer portals, Website(s);
  - CRM and Licencing;
  - Internal automation and support.

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[1] All current and open source work is available from my GitHub account: `https://github.com/spockz`.

[2] Several minor IT and non-IT related jobs are omitted for the sake of brevity.

PUBLICATIONS

- **Building JavaScript applications with Haskell**—IFL2012
  Atze Dijkstra, Jurriën Stutterheim, Alessandro Vermeulen, S. Doaitse Swierstra

SKILLS

- **Computer languages:**
  - Actively studying Haskell and Scala;
  - Proficient in Haskell, Ruby (and Rails), C# (.NET), JavaScript, Java, Delphi and PHP;
  - Familiar with Objective-C, Python, Erlang, Prolog, Bash/Shell, Command-line utilities, C, C++..

- **Natural languages:** Dutch (native), English (C2), Italian (C2), French (B1).

- **Other expertise:**
  - Databases: Cassandra, Redis, MongoDB, PostgreSQL, SQLite, MSSQL and MySQL databases;
  - Web server: Yaws, Apache, nginx and lighttpd web services including Varnish;
  - Able to work with distributed and centralized version control systems. (Git, Mercurial, SVN);
  - Experience with TeX and LaTeX;
  - Good working knowledge of all major platforms. (Mac OS X, Linux, Windows);
  - Working knowledge of XML technologies. (XML, DTD, XSD, XPath.)

CERTIFICATES

- 1ZO-851 Java Standard Edition 6 Programmer Certified Professional.

OPEN SOURCE

- lhs2TeX-hl: A helper executable to generate highlight format files for lhs2TeX. Available on Hackage;

- Authored and suggested several fixes for several other open source projects including but not limited to: CodeIgniter, DataMapper ORM (Rails), and Discourse.

EXTRACURRICULAR ACTIVITIES

- My hobbies include volleyball and photography. Additionally I am licenced to referee matches up to the 3rd divsion in the Dutch NeVoBo competition. Currently starting with matches on a national level.

- Active at the student association A-Eskwadraat. In charge of external communication for a committee to organize the "Space Symposium". Additionally I helped enhancing the visual presence of A-Eskwadraat as a member of the visual committee.