ALESSANDRO VERMEULEN   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.

  Furthermore I try to educate students by assisting them in class and by publishing articles online.

EDUCATION

- **Utrecht University**—Utrecht, The Netherlands
  MSc Computing Science (Software Technology) (September 2010 - August 2012 (expected))

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

EXPERIENCE

- **Beta Faculty, Utrecht University**—Utrecht, The Netherlands
  Programmer: January 2011–December 2011

  - Developing the UU Beta Survey system

- **Utrecht University**—Utrecht, The Netherlands
  Teaching Assistant: November 2009–present

  - Functional Programming
  - Internet Programming

- **BINK software B.V.**—Dordrecht, The Netherlands
  Programmer: October 2006–present

  - Created and maintaining the customer login;
  - Web presence;
  - Internal automation and support.

- **React B.V.**—Haarlem, The Netherlands
  Developer: 2007

Several minor IT and non-IT related jobs are not listed here.

CURRENT WORK

- Currently developing the Utrecht University Beta Survey system.

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

SKILLS

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

- **Natural languages:** Dutch (native), English (C2), Italian (C2), French (B1).
- **Other:**
  - Experience with PostgreSQL, SQLite, MSSQL and MySQL databases;
  - Experience with Apache, nginx and lighttpd web services including Varnish;
  - Able to work with distributed and centralized version control systems. (Git, Mercurial, SVN);
  - Experience with TeXand LaTeX;
  - Good working knowledge of all major platforms. (Mac OS X, Linux, Windows);
  - Working knowledge of XML technologies. (XML, DTD, XSD, XPath)

OPEN SOURCE

- lhs2TeX-hl: A helper executable to generate highlight format files for lhs2TeX. Available on Hackage.
- Authored and suggested several fixes for the CodeIgniter framework.