

## 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.

CURRENT WORK<sup>1</sup>

- Young Colfield ING Top Engineer Trainee: introducing Functional Programming at ING

## 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)*

EXPERIENCE<sup>2</sup>

- **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–present (0.2-1fte)*
  - Technical design and implementation of several Customer portals, Website(s);
  - CRM and Licencing;
  - Internal automation and support.

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<sup>1</sup>All current and open source work is available from my GitHub account: <https://github.com/spockz>.

<sup>2</sup>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;
  - 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:**
  - 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  $\text{\TeX}$  and  $\text{\LaTeX}$ ;
  - 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 3<sup>rd</sup> division in the Dutch NeVoBo competition.
- During my study I was a member of the student association A-Eskwadraat where I was 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.