

j.stutterheim@me.com

OBJECTIVE

- Developing my academic skills

EDUCATION

- **Utrecht University**—Utrecht, The Netherlands
MSc Computing Science (Expected: July 2012)
- **Utrecht Summer School**—Utrecht, The Netherlands
Applied Functional Programming (August 2010)
- **Windesheim University of Applied Sciences**—Zwolle, The Netherlands
Bachelor of Information Technology (June 2010)
 - Pre-master Minor Software Engineering at Twente University

EXPERIENCE

- **Utrecht University**—Utrecht, The Netherlands
Programmer & Student Assistant: April 2011–June 2011, November 2011–February 2012
 - Developed a web application for teaching high-school students the basics of Prolog and offered assistance in accompanying lectures and labs
 - Assisted the Languages & Compilers course
- **Fraunhofer IESE**—Kaiserslautern, Germany
“Diplomand”: February 2010–June 2010
 - Wrote my bachelor thesis: *“Preparing Single Products for Reuse in a Software Product Line Using Compile-time Analysis Techniques”*
- **University of Otago**—Dunedin, New Zealand
(Intern) Lead programmer: January 2009–July 2009
 - Created a web application for the University’s 2009 internal PBRF round
 - Was offered a scholarship at the University
 - Was recommended to the University by Zend Technologies Ltd.
- **Intermentis**—Leusden, The Netherlands
Owner, lead programmer: 2007–2009
 - Own company, offering custom software and consultancy services in medical and educational areas.
- **University Medical Centre Utrecht (UMC Utrecht) and Hogeschool Utrecht, University of Applied Sciences**—Utrecht, The Netherlands
Programmer: 2005–2007
 - Created a web-based Electronic Patient File for use by physiotherapists
 - Application has been adopted by Hogeschool Utrecht and a multitude of professionals

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

PUBLICATIONS

- W. Swierstra, D. Swierstra, and J. Stutterheim, “Logisch en Functioneel Programmeren voor Wiskunde D,” Utrecht, UU-CS-2011-033, Sep. 2011.

LANGUAGES

- **Computer languages:**
 - Actively studying advanced Haskell programming techniques, dependently typed programming with Coq and Agda, and attribute grammars
 - Experience with various other programming languages, including (but not limited to) PHP (Zend Framework), C# (.NET), Java, Python, C(++) and JavaScript.
- **Natural languages:** Dutch (native), English (fluent), German (intermediate), Swedish (beginner), French (beginner)

OPEN SOURCE

- Snap Framework: contributed features, fixes and an HDBC snaplet
- NanoProlog library and web application: a simple Prolog interpreter and a web application with which one can construct Prolog proof trees
- DGG: utility and library for deriving generic code for generic programming libraries
- Zend Framework contributor since 2007. Authored and co-authored several components and added smaller features and fixes
- Co-founded the Zym project in 2007 to speed up contributions to Zend Framework
- Smaller contributions to numerous other Open Source Software projects

See my GitHub account: <https://github.com/norm2782>.

(EXTRACURRICULAR) PRESENTATIONS

- *“Improving the UHC JavaScript backend”*, Dutch FP Day 2012, January 2012
- *“Snaplets: composable and reusable web components”*, 9th Ghent Functional Programming Group meeting, October 2011
- *“SPL Data Structures and their Complexity”*, PFCongres, September 2011
- *“Web-based Prolog proof exerciser in Haskell”*, Dutch HUG meeting, August 2011
- Lecture: *“Web Programming (with Snap Framework)”*, Utrecht Summerschool, August 2011
- *“jQuery Programming with Haskell”*, Dutch FP Day 2011, January 2011
- Lecture: *“Introduction to MVC Frameworks”*, Windesheim University of Applied Sciences, October 2008

And several others.

CERTIFICATES

- Zend Framework Certified Engineer (July, 2008)
- Zend PHP 5 Certified Engineer (February, 2007)

COMMITTEE WORK

- Organised and managed several introduction periods for Erasmus Student Network (ESN) Utrecht and student society Gumbo Millennium
- Chaired the ESN Intro Committee
- Participated in the ESN IT and PR committees