

Curriculum Vitae

Name: Jeroen C.L. Ooms

Birth: 17-06-1985

Nationality: Dutch

Residence: Los Angeles, CA

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Education/Jobs

Currently:

- *PhD Student in Statistics at UC Los Angeles.*
- *Freelance Consultant and Developer.*

2009-2010: Freelance consultant and developer

- *Revolution Analytics: Consulting and Development for R-web framework project.*
- *TNO Quality of Life: Consulting and Development of medical statistical web applications.*

2009-2010: Visiting scholar at UCLA department of statistics

- *Studying work of Jan de Leeuw.*
- *Development of R web applications for statistical education.*

2007-2009 M.S. Methodology and Statistics, Utrecht University (GPA 4.0; Cum Laude)

- *Courses: Mathematical Statistics, programming in R, Psychometrics, Multivariate Analysis, Categorical Data Analysis, SEM, Multilevel, Research Design, Consultancy, etc.*
- *Thesis subject: The Highest Posterior Density Posterior Prior for Bayesian Model Selection.*
- *Extracurricular: Development of Web applications, publication in Stat. Med.*

2008-2009 Job as Student Assistent for prof. J. Hox and prof E. de Leeuw.

- *Teaching some 2nd year's statistics classes, correcting exams.*
- *Creating multilevel instruction video's.*
- *Simulation research with MPlus*

2004-2007 B.S. Psychology, Utrecht University

- *Additional minors: Artificial Intelligence, Management & Organization.*
- *Additional courses: Imperative Programming, Algorithms & Datastructures, Logic for AI, (mostly Java related).*

2003-2004 Industrial Design, University of Technology Eindhoven

- *Engineering, Mathematics, Programming, etc*

1997-2003 Gymnasium, Juvenaat Bergen op Zoom

- *Profile: Nature & Technology (Math, Physics, Chemistry)*
- *Extra courses: Economy, Latin*

Publications

- van Buuren S, Ooms JCL (2009). Stage line diagram: An age-conditional reference diagram for tracking development. *Statistics in Medicine*, 28(11), 1569-1579. DOI: 10.1002/sim.3567. [[pdf](#)]
- Ooms, JCL (2009). The Highest Posterior Density Posterior Prior for Bayesian Model Selection. Master thesis, Utrecht University public library. [[pdf](#)]

Software

- yeroon.net/ggplot2: an R web application for online graphical exploratory analysis. [[url](#)]
- yeroon.net/lme4: an R web application for online random effects modeling. [[url](#)]
- [stockplot](#): an R web application for stock predictions. [[url](#)]
- irttool.com: an R web application for online IRT analysis. [[url](#)]

Recent talks

- (July 2010, Washington, USA) user 2010: Introduction to Web Development with R [[pdf](#)]
- (Dec 2009, Los Angeles, USA) LA R User Group: random effects modeling in lme4. [[url](#)] [[code](#)]
- (Nov 2009, Los Angeles, USA) UCLA Seminar in Statistics: Web development with R. [[url](#)] [[pdf](#)]
- (July 2009, Rennes, FR) user! 2009: IRTtool.com: Building web applications with R. [[url](#)] [[pdf](#)]

Knowledge/Skills

- The Basics: PHP, MySQL, LaTeX, Python.
- A Bit More: Java, Linux, CSS.
- Pretty good: R, web development, javascript, TCP/IP, Windows.

- TOEFL score (English proficiency): 114/120 (95%).

References

References available upon request.