

# JORIS BORSBOOM

## PERSONAL DATA

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EMAIL: [joris@borssoftware.com](mailto:joris@borssoftware.com)  
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SOCIAL: [www.linkedin.com/in/borsboom](http://www.linkedin.com/in/borsboom)  
[twitter.com/ikkeookniet](https://twitter.com/ikkeookniet)  
[github.com/jbors](https://github.com/jbors)

## WORK EXPERIENCE

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CURRENT APR 2017	Freelance Software Developer and Consultant BORS Software, Eindhoven <i>Working on AI and software projects and consulting on custom solutions. Cooperating with organizations in Delhi NCR, the Netherlands, Berlin and Barcelona. Example projects:</i>  - Android app to detect malaria in blood samples (Kotlin, Firebase, Machine learning) - Platform to integrate public transport providers (Spring boot, kubernetes) - Chatbot to order groceries (NLP, node.js)
APR 2017 AUG 2015	Team Lead R&D, Senior Software Engineer GX Software, Mumbai <i>Started the Mumbai R&amp;D department for GX Software, in collaboration with Capgemini. Lead developer, teaching and coaching Indian engineers. Communication with onshore team and HQ.</i>
JUL 2015 JAN 2013	Technical Consultant GX Software, Nijmegen <i>Lead developer in project-specific Scrum teams. Software architect for customer implementations. Coaching of junior engineers. Consulting on custom solutions. Integration of WCM and customer systems using SOAP and REST services.</i>
DEC 2012 JAN 2008	Software Engineer GX Public, Eindhoven <i>Web Content Management system in Java. Development of product components and customer-specific solutions for government, educational and non-profit customers.</i>
JUN 2003 NOV 2002	Research assistant Maastricht McLuhan Institute <i>Developing a dynamical website to provide access to European digital cultural resources.</i>

## EDUCATION

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2000 - 2007    M. Sc. in Artificial Intelligence & Computer Science  
                  B. Sc. in Knowledge Engineering  
                  Maastricht University

## CERTIFICATIONS

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Machine Learning, *Stanford University*  
Kotlin for Java Developers, *JetBrains*  
Sequence Models, *deeplearning.ai*  
Functional Programming Principles in Scala, *École Polytechnique Fédérale de Lausanne*  
Programming with Google Go, *University of California, Irvine*  
Convolutional Neural Networks, *deeplearning.ai*  
Structuring Machine Learning Projects, *deeplearning.ai*  
Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization, *deeplearning.ai*  
Neural Networks and Deep Learning, *deeplearning.ai*  
Professional Scrum Master I, *Scrum.org*  
Scrum Master, *ISES*  
Consulting skills, *ISES*  
jQuery, *Eduvision*

## PUBLICATIONS

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- 2007 “A Comparison of Monte-Carlo Methods for Phantom Go”  
with J-T. Saito, G. Chaslot, and J. W. H. M. Uiterwijk
- 2007 “GoLois wins Phantom Go Tournament” with T. Cazenave

## INTERNSHIPS

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Sep 2007	MICC-IKAT, Maastricht
Jan 2007	Research on Phantom Go <i>Monte-Carlo based program able to play a game on incomplete information. Including GUI and display of belief states. Competed in the Computer Olympiad 2007</i>
Dec 2006	MICC-IKAT, Maastricht
Oct 2006	VT Search Tree Visualization tool for Computer Go <i>Graphical UI displaying of the most relevant parts of the search tree, game situation and scoring of possible moves. Design and implementation.</i>

## SKILLS

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JAVA, PYTHON, JAVASCRIPT, KOTLIN, SQL, SCRUM, GIT, SPRING BOOT, SOLR, ELASTICSEARCH, NODEJS, KUBERNETES, GCP, Service Oriented Architectures, REST, OSGi, MAVEN, APACHE FELIX, PROLOG, GNU OCTAVE, Neural Networks, Monte-Carlo algorithms.

Native Dutch, fluent English.