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Martijn Bakker

Haarlem, February 5, 1995

━━━━ Education

2015 –	**MPhil in Advanced Computer Science**, *University of Cambridge*, Cambridge.
	The MPhil ACS is a degree featuring both courses and a significant research aspect, designed to prepare students for doctoral research. My research project is on modifying Google's V8 JavaScript engine to employ automatic multithreading optimizations
2012 – 2015	**Advanced Technology**, *University of Twente*, Enschede, Cum Laude with Honours.
	Advanced Technology is a broad engineering BSc programme, including mechanical and electrical disciplines. The programme also includes the commercial and social aspects of the technologies. I specialised in the field of Computer Science through additional and elective courses.
2014	**International Summer School**, *The Chinese University of Hong Kong*.
	'International Business' and 'Evidence-Based Human Resource Management', attaining grades A and A-.
2013 – 2015	**Honours programme, design track**, *University of Twente*, Enschede.
	The honours programme is offered to the top 5% of UT students. It covers academic skills and the analysis and creation of designs for society in depth.
2013	**Excellence stream**, *University of Twente*, Enschede.
	The excellence stream is an additional course covering more advanced mathematics, offered by the UT to top students

━━━━ Teaching

2015	**Course developer – Concurrent programming**, *Dr. M. Huisman – University of Twente*.
	Development of course materials for the course 'Concurrent Programming', offered to sophomore Computer Science students as part of the module 'Programming Paradigms'.
2015	**Teaching assistant – Intelligent Interaction Design**, *Dr. M. Theune – University of Twente*.
	Guiding tutorial sessions and checking assignments for the course on artificial intelligence.
2014 & 2015	**Teaching assistant – Advanced Engineering**, *Dr. R.M.J. van Damme – University of Twente*.
	Guiding seminars and tutorial sessions on applications of differential equations in electronics and mechanics.
2014	**Lab supervisor – Thermodynamics**, *Dr. H.K. Hemmes – University of Twente*.
	Guiding laboratory work and grading of the resulting lab journals.

Extracurricular activities

2014 **Netherlands Asia Honours Summer School**, *Hong Kong & Shanghai*.
The NAHSS is a unique interdisciplinary program for 100 Dutch top students which contains 4 main aspects: attending a summer school, visiting both Dutch and Asian companies, gaining acquaintance with the cultures and conducting research commissioned by a NAHSS partner company, for me, KPN: "How can ICT aid in keeping elderly at home for longer, both in Holland and in China?".

2013 – 2014 **Commissioner of Music**, *Musica Silvestra Orkest*, Enschede.
As board member, I handled selecting, obtaining and distributing sheet music to the members alongside with arranging concert locations.

2011 **IELTS**, Amsterdam.
International English Language Testing System, band 8/9.

2010 **EUSO**, Nijmegen.
Third place at the national qualifiers for the European Union Science Olympiad.

Additional interests

3D Creating (photorealistic) 3D models and animations, using Blender, 3ds Max and Photoshop

Bassoon Played since age 9

Sea scouts Organizing activities, including summer camps (Czech Republic, 2011 and Croatia, 2012)

Languages

Dutch Native

English Fluent

French Basic proficiency

Programming C/C++, Python, Matlab, Mathematica, Java, Haskell, JavaScript and HTML/CSS.