

Martijn Bakker

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Education

- 2012 – **Advanced Technology**, *University of Twente*, Enschede.
present 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 completed the propaedeutic year cum laude and I am currently focusing on the field of Computer Science through additional and elective courses.
- Summer 2014 **International Summer School 2014**, *The Chinese University of Hong Kong*.
'International Business' and 'Evidence-Based Human Resource Management', attaining grades A and A-.
- 2013 – **Honours programme, design track**, *University of Twente*, Enschede.
present 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.
- 2012/2013 **Excellence stream**, *University of Twente*, Enschede.
The excellence stream is an additional course covering more advanced mathematics, offered by the UT to top students
- 2006 – 2012 **High school**, *Atheneum College Hageveld*, Heemstede.
Majoring in both Health and Technology, cum laude.

Experiences

- Q2 **Teaching assistant – Intelligent Interaction Design**, *Dr. M. Theune – University of Twente*.
2014/2015 Guiding tutorial sessions and checking assignments for the course on artificial intelligence
- Summer 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 Sylvestra Orchestra*, Enschede.
As board member, I handled selecting, obtaining and distributing sheet music to the members alongside with arranging concert locations.
- Q4 **Teaching assistant – Advanced Engineering**, *Dr. R.M.J. van Damme – University of Twente*.
2013/2014 Guiding seminars and tutorial sessions on applications of differential equations in electronics and mechanics.
- Q2 **Lab supervisor – Thermodynamics**, *Dr. H.K. Hemmes – University of Twente*.
2013/2014 Guiding laboratory work and grading of the resulting lab journals.
- 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.

Interests

- Computers I have always had an interest in computers and as such I spend the majority of my free time on computer science related topics and hacking various things together. The languages I am familiar with include C/C++, Matlab, Mathematica, Java, Haskell, PHP, SQL and HTML/CSS/JavaScript.
- 3D Creating (photorealistic) 3D models and animations, using Blender, 3ds Max and Photoshop.
- Bassoon Played since age 9, currently play first bassoon for the Musica Sylvestra Orchestra.
- Sea scouts Sailing and organizing activities, including summer camps (Czech Republic, 2011 and Croatia, 2012)
- RC models At age 13 I built a RC sailboat from scratch.