

Toekomststraat 56

7521 CT Enschede

The Netherlands

+316 41 25 8446

+3123 56 50 770

✉ martijn.simon.bakker@hotmail.com

Martijn Bakker

Haarlem, February 5, 1995

Education

September 2012 **Advanced Technology**

– present *University of Twente, Enschede.*

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.

July 2014 – **International Summer School 2014**

August 2014 *The Chinese University of Hong Kong.*

'International Business' and 'Evidence-Based Human Resource Management', attaining grades A and A-.

September 2013 **Honours programme, design track**

– March 2015 *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.

February 2013 – **Excellence stream**

June 2013 *University of Twente, Enschede.*

The excellence stream is an additional course covering more advanced mathematics, offered by the UT to top students

September 2006 **Atheneum College Hageveld,**

– June 2012 *Heemstede.*

Dual specialisation in Health Sciences and Technological Sciences, graduated cum laude.

Teaching

February 2015 – **Course developer – Concurrent programming**

present *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'.

November 2014 – **Teaching assistant – Intelligent Interaction Design**

January 2015 *Dr. M. Theune – University of Twente.*

Guiding tutorial sessions and checking assignments for the course on artificial intelligence.

April 2013 – **Teaching assistant – Advanced Engineering**

June 2014 *Dr. R.M.J. van Damme – University of Twente.*

Guiding seminars and tutorial sessions on applications of differential equations in electronics and mechanics.

November 2013 – **Lab supervisor – Thermodynamics**

January 2014 *Dr. H.K. Hemmes – University of Twente.*

Guiding laboratory work and grading of the resulting lab journals.

Extracurricular Activities

- March 2014 – **Netherlands Asia Honours Summer School**
September 2014 *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?".
- September 2013 – **Commissioner of Music**
September 2014 *Musica Sylvestra Orchestra*, Enschede.
As board member, I handled selecting, obtaining and distributing sheet music to the members alongside with arranging concert locations.
- June 2011 **IELTS**, Amsterdam.
International English Language Testing System, band 8/9.
- January 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, currently playing first bassoon for the Musica Sylvestra Orchestra.
- Sea scouts Organizing activities, including summer camps (Czech Republic, 2011 and Croatia, 2012)

Languages

- Dutch Native
- English Fluent
- French Basic proficiency

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