

# Martijn Bakker

## Education

- Sept 2012 – **Advanced Technology**, *University of Twente*, Enschede.  
present Advanced Technology is a broad bachelor programme focussed on engineering, including mechanical and electrical disciplines. The programme also includes the commercial and social aspects of the technologies. The goal of the programme is to be able to pick up every discipline of engineering. 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*.  
I took classes on 'International Business' and 'Evidence-Based Human Resource Management', attaining grades A and A-.
- Sept 2013 – **Honours programme, design track**, *University of Twente*, Enschede.  
present The honours programme is offered to the top 5% of UT students. It focuses on academic skills and the analysis and creation of designs for society.
- Sept 2012 – **Excellence stream**, *University of Twente*, Enschede.  
June 2013 The excellence stream is an additional course focussed on mathematics, offered by the UT to top students

## Experience

- Nov 2014 – **TA – Intelligent Interaction Design**, *Dr. M. Theune – University of Twente*.  
present Guiding tutorial sessions and checking assignments for the course on C++.
- Summer 2014 **Netherlands Asia Honours Summer School**, *Hong Kong & Shanghai*.  
The NAHSS is a unique program for 100 Dutch top students which contains 4 main aspects: attending a summer school, visiting both Dutch and Asian companies, improving cultural acquaintance and a conducting research commissioned by a NAHSS partner company (KPN): "How can ICT aid in keeping elderly at home for longer, both in Holland and in China?"
- Sept 2013 – **Commissioner of Music**, *Musica Sylvestra Orchestra*, Enschede.  
Sept 2014 As board member, I handled selecting, obtaining and distributing sheet music to the members alongside with arranging concert locations.
- May 2013 – **TA – Advanced Engineering**, *Dr. R.M.J. van Damme – University of Twente*.  
Jun 2014 Guiding seminars and tutorial sessions on applications of differential equations in electronics and mechanics.
- Nov 2013 – **Lab supervisor – Thermodynamics**, *Dr. H.K. Hemmes – University of Twente*.  
Feb 2014 Guiding laboratory work and the grading of the resulting lab journals.
- June 2011 **IELTS**, Amsterdam.  
International English Language Testing System, band 8/9.
- March 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.
- Music Since age 11 I have played the bassoon and currently I play first bassoon for the Musica Sylvestra Orchestra.
- Sailing When I was younger I was a member of the water scouts where I learnt sailing which I still enjoy. Furthermore, at age 13 I built a RC sailboat from scratch.