

## Curriculum Vitae



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### Summary

I've found I'm a real team player and team leader. Not only am I really sociable, I'm also not afraid of a challenge and highly stress resistant, able to approach and teach to individuals as well as entire groups and capable of taking responsibility. Furthermore, I am a highly motivated man in search for an answer to the question "are we alone in the universe?". To get to an attempt to an answer, I studied Microbiology with Astrophysics, from the smallest living organisms, microbes, to the largest object known to mankind, the universe.

### Education

2014 – 2017 **Radboud University Nijmegen:** Master Microbiology and Astrophysics  
2009 – 2014 **Fontys Hogescholen Eindhoven:** Bachelor Applied Science (with minor Physics & Astronomy at Radboud University)  
2008 – 2009 **Hogeschool Utrecht:** Hogere installatie techniek  
2004 – 2008 **ROC Eindhoven:** Installatietechniek  
1999 – 2004 **Augustinianum Eindhoven:** VWO-HAVO

### Work experience

January 2018 – present **Royal HaskoningDHV Eindhoven**  
  
Cleanroom advisor. Responsible for measuring and reporting microbial activity and aerosol particle count in cleanrooms, and advising activities in accordance to Good Manufacturing Practices.

February – July 2016 **Elzendaalcollege Boxmeer**  
  
Physics teacher for second grade vmbo and VWO. Preparing lectures and practicals, grading exams and practicals, and guiding students to success.

July – August 2015 **Radboud UMC Nijmegen**  
July – August 2014 **Radboudumc**  
Biomedical analyst at the laboratory of pediatrics to determine genetic deficiencies and operating as lab manager. Maintaining workflow for the lab and its employees, with schedules for running projects.

2009 – 2013 **Eetcafe Juup, Cafe Crazy Kangaroo**  
Bartender

May 2008 – July 2009 **Grontmij Nederland BV Roermond**  
  
Designer/engineer building systems for residential and commercial construction. Collaborating with external parties to ensure the best result for each project.

Sept. 2006 – Apr. 2008 **Kanters Project Engineering Eindhoven**  
Assistant designer/engineer

Jan. 2004 – June 2006 **Ad van Rooij Sanidróme Heeze**  
Assistant service engineer

## Internships

February – July 2017



### **2<sup>nd</sup> Master's internship NASA Ames Research, department of Astrobiology, Mountain View, California, USA**

Determining survivability of M-star solar flares with a synthetic mutualism between a photosynthetic organism and a UV-resistant organism. Self-composed study and execution, with usage of a solar simulator and cell growth techniques.

Nov. 2014 – April 2015



### **1<sup>st</sup> Master's internship NIOO-KNAW Wageningen, department of Microbial Ecology, Wageningen**

Determining effects of agricultural land use on greenhouse gas emissions in drainage trenches.

Nov. 2013 – June 2014



### **Bachelor graduation internship Radboud UMC, laboratory of pediatrics, Nijmegen**

Determination of pathogenicity of mutations in genes, coding for mitochondrial proteins and supervising an intern.

January – June 2013



### **Bachelor's internship Technical University Eindhoven**

Rheological research in blood and artificial arteries, validating the ultrasound method to premature diagnose atherosclerosis.

## Extra-curricular

Sept. – Nov. 2016

### **Sustainable Business Challenge 2016**

Creating a sustainable solution to medical water contamination from scratch.

2009 – 2014

### **Board Intro-raad for Applied Science 2010-2013 (head)**

Guiding and planning the festivities for a full week for new students

Minor Bachelor projects  
2009 – 2014

e.g. HRP antigen binding, STD Diagnostics, and Thrombosis diagnostics.

### **Applied Science Ingenieurs en adviseurs (ASIA) projects:**

PCR robot, Multiplex PCR  $\beta$ -globine, Bone mineralization, DNA isolation, Enzyme kinetics.

### **Discipline Applied Science (DAS) cores:**

Epidemiology (Ebola), Metabolism (hydrogencyanide), and Genomics (HIV).

Knowledge of automation

MS Office	excellent
AutoCAD	excellent
StabiCAD	excellent
SPDB	sufficient
MATlab	good
R(studio)	good
Python	good

Languages

Dutch	Native language
Engels	excellent
German	sufficient

Personality

Hobbies

Sports (e.g. football, snowboarding, surfing, sailing) and outdoor activities.

Interests

Computer gaming, films and series, partying with friends, reading, traveling, the internet. Politics and history.