

Personal profile

Last name Vlek
 First name Jeroen
 Telephone (0031) (0)6 81483917
 Nationality Dutch
 Sex Male

Education

09/2004 - 04/2007	Integrated Product Design MSc	Technische Universiteit Delft	graduated
09/2001 - 11/2006	Industrial Design Engineering BSc	Technische Universiteit Delft	graduated
09/1995 - 06/2001	Pre-university education (1 year Greek and Latin)	Norbertus College Roosendaal	graduated

Courses

2012	Creo 2.0 update	GPO Solutions	graduated
2012	Quality awareness	Allanta	graduated
2010	Moulds for polymers B	Mikrocentrum	graduated
2009	Pro/Engineer Wildfire 4.0 update	USG Innativ	examination n.a.
2008	VCA VOL	NIKTA	graduated
2008	Communication and assertiveness	De Lange & Partners	examination n.a.
2007	Pro/Engineer Wildfire 2.0	USG Innativ	examination n.a.

Professional profile

08/2010 - present	Project engineer at Thetford in Etten-Leur Thetford produces mobile toilets, refrigerators, cooking appliances and toilet care products, allowing anyone to enjoy their vacation worry-free. As a project engineer I am responsible for making new product concepts function, manufacture and assembly well. I engineered a new generation mobile toilets, within a flexible team of 4 people. I was fully involved in finding and solving technical issues from concept to start of production in China. Afterwards I designed several plastic parts for a new line of fridges. Currently I am co-responsible for saving costs on the entire product range of Thetford. This requires extensive communication and negotiation with the purchase department.	www.thetford.eu
06/2007- 12/2011	Product developer at USG Innativ in Rotterdam. USG Innativ Product Development is a technical project agency for product development. USG has detached me at several companies at which I've had several functions. In the following paragraphs I will go further into detail about some of these.	www.usginnativ.nl
02/2010 - 07/2010	Product designer at Helvoet in Hellevoetsluis Helvoet is a co-designer and manufacturer of technical highgrade components and assemblies from rubber and plastics. I designed product concepts for new markets, product improvements and test setups. I also did root-cause analyses and performed tests.	www.helvoet.nl
12/2009 - 01/2010	FEA engineer at Sergem Engineering in The Hague.	(for USG Innativ) www.sergem.nl (for USG Innativ)
11/2008 - 11/2009	Mechanical engineer at Hittech Multin in Delft. Hittech Multin is an engineering and assembly company in the mechatronics industry. I was co-responsible for decisions on a conceptual level for several machines. To this end, I also did dynamic and static calculations, related to strength and stiffness of several different parts. I was responsible for the technical product documentation of a number of products.	www.hittech.nl (for USG Innativ)

- 07/2009 - 10/2009 **Product engineer at Freelift in Heerhugowaard.** www.freelift.nl
 Freelift produces stairlifts and the rails they are attached to. At this client I have made an existing aesthetics concept suitable for serial production. I was co-responsible for the production of a prototype, that was shown on the REHA CARE fare 2009. For several parts, entirely new production methods have been used. (for USG Innovativ)
- 03/2009 - 07/2009 **Internal projects at USG innovativ.**
- 11/2008 - 03/2009 **Product designer at MCI in Montfoort.** www.mirrorcontrols.com
 Mirror Controls international produces actuators that adjust car mirrors. At this client I was co-responsible for the quality of the actuators. I did root cause analyses on issues from the field. For this purpose I designed test setups and executed tests. Afterwards, I engineered improvements that I implemented in practice. (for USG Innovativ)
- 09/2007 - 02/2008 **CAD-draftsman at Caterpillar Work Tools in Den Bosch.** www.cat.com
 (for USG Innovativ)
- 11/2006 - 04/2007 **Graduation at SAVAS Quality Seating in Zaltbommel.** www.savas.com
 For my graduation, I wanted to improve seating and sleeping comfort for passengers in coaches. I wrote my own assignment and approached SAVAS. Together with SAVAS I designed a new concept for passenger seating in coaches. For this purpose I analysed the market, competitors and users, but also the ergonomic aspects of sitting and sleeping. I made several mock-ups and a prototype. I tested these with different users.
- 01/2006 - 06/2006 **Internship at design agency BPO at Delft.** www.bpo.nl
 At BPO I made calculations considering strength and stiffness in Excel. I worked with 3D and 2D CAD programs Solidworks and Pro/E. I made concept sketches and presentations. I also made test setups and did some testing.

Secondary activities

- 2008-2009 Graphic design competitions related to T-shirts, snowboards, birthcards and logos.
 10/2006 Self Healing Materials design contest: 'Design an innovative application for self healing materials.'
 10/2004 IO Techniek Workshop: 'Design a robot in 2 days.'
 09/2003 - 07/2004 Bartender at study group ID.

Skills

Languages	Dutch	excellent
	English	great
	German	good
	French	basic
	Mandarin and Japanese	novice speaker
Software	MS Word, Excel, Powerpoint, SolidWorks, Pro/Engineer	good
	MS Access, Outlook, Pro/Mechanica, Photoshop, Illustrator, InDesign	basic
	Maya, Flash, Director, Painter	good
Other	Sketching	

Hobbies en interests

I play guitar and bass guitar and I hope to play in a band soon once more. I love doing sports, especially competitive sports. At the moment I squash a lot. I often go freestyle-snowboarding and now and then I do some running. I really enjoy learning new languages and therefore I often take some language courses before I go abroad.