

MARTIJN VAN DIJCK

INDUSTRIAL PRODUCT DESIGNER



EDUCATION

2012 -2019

Fontys university of applied Sciences, Venlo Bachelor Industrial Product design

4th year project: Our client Philips Avent wanted us to develop a product for babies in there first 1000 days. The Smart Baby Calmer as a result. When you tuck your baby in, you place the egg in the crib and push the power button on the docking. The egg will start measuring if your baby makes any sounds. When your baby starts crying, the Smart Baby Calmer will activate and start playing calming sounds. It will also shine a calming red or yellow light. The device searches for the right sounds that works for your baby. The more you use the device, the more effective the sounds are, because the Smart Baby Calmer remembers the sounds that works for your baby. When your baby is asleep, the device will keep measuring for 45 minutes. After that it will shut down until activated by the parent. The device will find the right sounds for every baby.



2017
Six months

Fontys University of Applied Sciences, Venlo Minor Industrial Product Development

Main project: develop a water pump that can be made and taught in the Gambia. With our team we accomplished to develop the water pump, source money for a trip and resources for 7 people and educate young students in the Gambia. A big adventure and learning experience.



2015
Six months

Udayana University, Bali, Indonesia Minor Tropical architecture

One of the main assignments was to design a Villa at a particular real location in Sanur (East side of Bali). Designing buildings is quite different compared to product design, but the task was fun none the less. Here I used the program Sketchup for the first time (normally I use Solidworks). I designed the villa by combining art nouveau and Balinese architecture to have a theme of 'East mee West'.



EDUCATION

2005 - 2012

Christiaan Huygens College, Eindhoven

Highschool, Havo, N&T, N&G

(Nature & technology, Nature & Health)

WORK-EXPERIENCE

2019

Five months

Smaac, s' Hertogenbosch

Thesis Internship, design department

For my thesis project I worked at Smaac in s' Hertogenbosch, here I worked on the development of a baby rocker. Smaac had a problem for me to solve: many parents have a baby that cries in a moment where you don't have time, this can be when you are putting away the groceries, are pushing your other child on the swing or when you have people over. Thus a device was developed that, with the use of a weighted mechanism, would rock your baby-stroller with the baby inside. The rocking motion would calm down the baby.

The whole externals and internals were developed, with a working prototype including light animations. The prototype was tested with several babies, this small sample size responded positive. Due to company secrecy I am only allowed to show detail images and some sketches of other concepts.



2018

Three months

The Design Labo, Tokyo, Japan

Personal Internship, design department

Because Japan has fascinated me for many years through culture, art, language, beautiful landscape and work mentality, I wanted experience this first hand.

"The Design Labo" is a Tokyo based design firm, it works on architecture, product design and visual design. As this internship was arranged outside of school, I got to do many different assignments for three months.

- Designing furniture for a resort located in the south of Japan.
- Ideating and designing a butsudon (a Japanese budhist altar, often used in homes and temples), rather than traditionally big butsudans I needed to design one for small appartments found in bigger cities like Tokyo.
- Designing and rendering Vogue bridal store in Tokyo (competition)
- And some more smaller assignments



WORK-EXPERIENCE

2017

Ten months

Specs E-mobility, Aarle-Rixtel Junior Engineer, R&D department

Specs e-mobility is a company where they were developing the now in production Electric Dutchman, an electric scooter made in Holland. After my internship I worked for 10 months at the research and development department. I worked on multiple parts of the scooter and internal products for the production line, developing of the cockpit, and finishing the projects that were not finished after the internship. As a junior engineer I did projects from start to finish, designing, prototyping to making the technical drawings with input of the external production companies.



2016

Six months

Specs E-mobility, Aarle-Rixtel Internship, R&D department

My third year internship I did multiple projects, one of my main projects was the development of a baggage carrier. This carrier was done from start till prototype. During this project I learned to work with production companies and their rules, for example, the length between each bend is decided by their machines.



2016

Six months

Think Happy Everyday, Bangalore, India Product designer, maker, giving workshops

At Think Happy Everyday I had multiple tasks, giving workshops in carpentry, welding and metal origami, as well I did design projects. The biggest project was the sKEw, a furniture piece for an design exhibition called Designuru. I project designed, developed and made with help of THE workshop team. Because of it being an individual assignment it taught me a lot. From time management (because of a real client), designing for a client, to welding the whole installation.



2009 - Now

Albert Heijn, Eindhoven Merchandiser

SKILL LEVELS

SolidWorks		Frequent
Keyshot		Frequent
Photoshop		Frequent
Indesign		Frequent
Illustrator		Infrequent
Sketchup		Infrequent
Lightroom		Frequent
Office		Frequent
Rhino		Infrequent
Grasshopper		Beginner

LANGUAGES

Dutch		Native
English		Fluent

HOBBIES

Sketching, photography, marathon running (full marathon Rotterdam), bouldering and longboarding.

TRANSPORT

Car license B and I am in the possession of a car.
I am open to move closer to the job.

LOOK THROUGH MY PORTFOLIO
FOR A MORE IN DEPTH LOOK OF MY WORK.

martijnondesign@gmail.com • +31640152202 •
Eindhoven, Chopinlaan 88 , 5653 EX •
www.martijnon.com • Dutch • 03-02-1993