CV ≡ Tal Amram

Maker ≡ Designer

www.talamram.nl

hallo@talamram.nl   //   (+31) 06 36 1414 76

Nationality: Dutch

Languages: Dutch   (Native Fluency)

            English   (Fluent in speech and writing)

I excel at making ideas tangible; from sketch to concept to form factor to circuit.

≡ Work

Resourceful Ageing ≡ September 2016 – December 2016 ≡ Research Assistant

Directly after my graduation, I was employed as a research assistant in a joint research project of several faculties of the TU Delft, Avans Hogeschool and Philips Design. The team consisted of scholars from Industrial Design Engineering, Computer Science, and Anthropology, and a design team from Philips Design. My responsibilities comprised of internal- and external communication, facilitating sessions, and supporting the development of prototypes.

Prototyping Workshop (PMB) ≡ February 2015 – July 2017 ≡ Technician

The TU Delft Industrial Design department features a **metal- and wood workshop** where students can work on fabricating their projects. My job was to instruct students about the use of the lathe and milling machine, operate the vacuum-former, manage and maintain the laser cutter and 3D-printers and program the three-axis CNC-mills.

V.O.F. Glaal ≡ January 2013 – April 2015 ≡ Co-Owner

Glaal was a design agency I established with two friends; we specialised in graphic design, web design and illustration. Through our lifespan of two years, we catered mostly to local bands, artists, and startups.

Study Association i.d ≡ September 2011 – September 2012 ≡ Board member

As board member (commissioner of external affairs) I supervised four student committees among which the research trip to Brazil and was the contact person for funds. Next to that, I was part of the acquisition team, managing the long-term sponsors of the study association.

≡ Education

Simon Fraser University (Vancouver, Canada): PhD ≡ Fall 2017 → Summer 2019

Under the supervision of prof. Will Odom and prof. Ron Wakkary I investigated the **slow and longer-term relationships** people form with their digital data through the artefacts that surround them. I was involved in several design projects in which I typically either supervised or supported activities surrounding **electronics and fabrication**. For the lab, I also set up a shared Eagle component library and introduced GitHub as a platform for collaborating and archiving code among lab members.

TU Delft: MSc. Design for Interaction ☰ Fall 2013 → Graduated Summer 2016
Specialised product design eduation, focussed on the **interaction** between people and interactive technologies. Beside the curriculum, as part of a study association committee, I organised 'Cases on Tour', a four day study trip throughout the Netherlands, and joined the study associations study trip to Hong Kong and mainland China.

KAIST (South Korea): Exchange semester ☰ Fall 2014
For the elective part of my master programme, I went on an exchange to KAIST (Korea Advanced Institute of Science and Technology) in **Daejeon, South Korea**. During this semester I took courses on interactive technology, business and design, and was involved in a design project for **Skyteam**.

TU Delft: BSc. Industrial Design Engineering ☰ Fall 2007 → Graduated Spring 2012
General product design education, in which the central 'pillars' are: People, Technology and Business. Next to the curriculum, I took part in **multiple committees** of the study association throughout my undergraduate education.
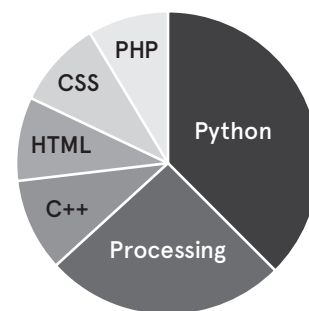
☰ Software

I excel at working with:
—Eagle
—SolidWORKS
—Fusion360
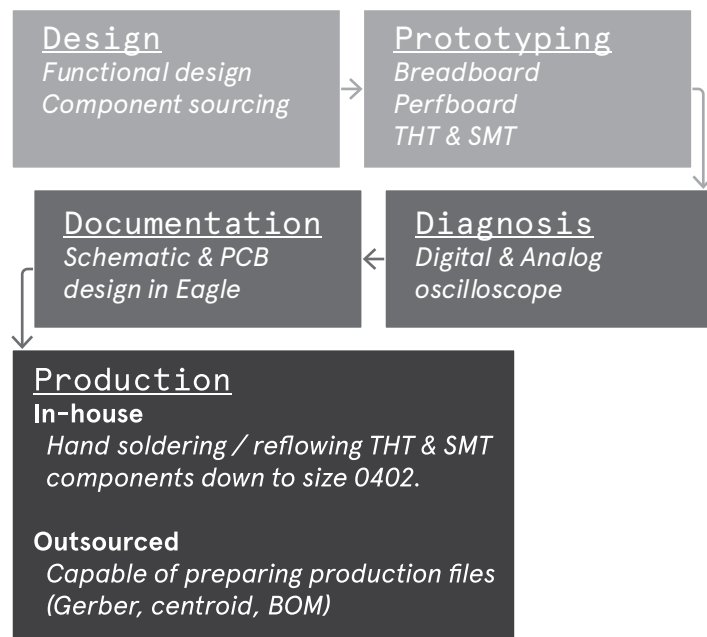—Git/Github
—Illustrator
—Photoshop
—InDesign

I have experience with:
—AutoCAD
—Blender
—Rhinocerous
—OpenSCAD
—DeskProto
—AfterEffects
—Premiere

☰ Coding

Pie chart: Python, Processing, C++, HTML, CSS, PHP

☰ Hardware

Design
Functional design
Component sourcing

→

Prototyping
Breadboard
Perfboard
THT & SMT

Documentation
Schematic & PCB design in Eagle

←

Diagnosis
Digital & Analog oscilloscope

Production
In-house
Hand soldering / reflowing THT & SMT components down to size 0402.

Outsourced
Capable of preparing production files (Gerber, centroid, BOM)

☰ Fabrication & Rapid proto

Turning	Milling
Manual Lathe	*CNC & Manual*
Various metals	*Metals / Wood*
★ ★ ★ ★ ★	★ ★ ★ ★ ☆

3D Printing	Laser Cutting
★ ★ ★ ★ ☆	★ ★ ★ ★ ☆

Wood Joinery	★ ★ ★ ★
Vacuum Forming	★ ★ ★ ★ ☆
Welding (MIG/TIG)	★ ★ ★ ★ ★