



Fabian Bosman

Contact information



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Skillset

Design

Product ideation
Product drawing (analog & digital)
3D modelling (Solidworks, Blender)

Prototype

3D printing (FDM & SLA)
Rapid prototyping (shop work, Arduino)

Production

Design for manufacturing
Root cause analysis
Lean manufacturing
Kaizen
Work studies (video analysis)

Workplace programs

Adobe (Photoshop, InDesign, Lightroom, Premiere)
Microsoft Office 365

Other

Driving licence B
Professional level Dutch and English

Hobbies

3D-printing functional parts
Bouldering
Reading autobiographies
Tinkering gifts
Competitive programming in C
Travelling

Personal profile

Works hard to solve real problems using a hands-on approach. Is passionate about production improvement by simplifying products and optimizing processes.

Analyses the large picture to find the most relevant problems and pays attention to detail when solving those problems. Gained team work skills and personal responsibility in various group and individual projects. Easily communicates with production, designers and management.

Quickly understands new situations and learns new skills.

Aims to minimize waste in high tech production environments and wants to collaborate with passionate people.

Education

Master Integrated Product Design, TU Delft, Delft, 2018 - 2020

Bachelor Industrial Design Engineering, TU Delft, Delft, 2014 - 2017

Atheneum NT, SSG Nehalennia, Middelburg, 2007 - 2014

Primary school, De Dolfijnenburch, Middelburg, 1999, 2007

Work experience

Industrial engineer intern, Accell group N.V., Heerenveen, Nov. 2019
Analyzed and optimized a bicycle assembly line as part of graduation project.

Analysed production context
Conducted work studies
Worked at assembly line

Determined wastes
Reduced assembly time
Optimized lay-outs

Product developer, iFixit Inc., San-Luis Obispo, California, US, Apr. - Jul. 2019
Prepared electronic heating plate design for large-scale-production.

Designed product form
Detailed product assembly
Investigated materials

Designed product interface
Designed packaging
Certified product

R&D intern, Haasnoot Bruggen B.V., Rijnsburg, Nov. 2017 - Jan. 2018
Set up 3D printing facility, investigated IoT and solar pannel solutions.

Investigated 3D printers
Investigated market
Visited companies

Built and tested electronic prototypes
Built CAD models

Side jobs: stock clerk, dishwasher, farm worker, 2007 - 2014

Extracurricular activities

Event photographer, AEGEE-Delft, Delft 2018

Fundraising responsible introduction week TU Delft, AEGEE-Delft, Delft, 2016 - 2017

Designer AEGEE-Delft yearbook 2017, AEGEE-Delft, Delft, 2016 - 2017

References available upon request.