



Curriculum Vitae

Ir. Timothy Puglia

Industrial Design Engineer

Bio:

Engineer, designer, strategist, and professional nerd. Since my work is mostly graphical in nature, please visit my website portfolio <https://timothypuglia.com> for the best representation of my work. Still, this document might come in handy as a concise textual overview.

[Click here to go to my website](https://timothypuglia.com)

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Work experience:



Concept & strategy developer

Seamless Personal Mobility Lab

Nov 2021 - May 2022

- » For my graduation project, I designed a seamless travel solution integrating public transportation and shared mobility
- » Conducted interviews and observations
- » Designed a new interaction scenario
- » Constructed a door-to-door journey map
- » Researched wireless technology standards
- » Proposed strategic interventions
- » Built a fully functional interaction prototype

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Product developer

DeNoise

Mar 2020 - Sep 2020

- » Over a six-month period, the team developed a glass-actuated speaker
- » Conducted sound research
- » Explored light interactions with glass
- » Designed a novel light & sound experience
- » Designed and built the schematic

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Servitisation strategist

Barco

Sep 2019 - Mar 2020

- » Over a six-month period, the team developed a servitisation strategy
- » Gained insights into the internal motivations by leading employee interviews
- » Constructed a roadmap
- » Designed a VR prototype experience room
- » Barco mentioned having already implemented various aspects

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Industrial Design Engineer

Damen Shipyards

Sep 2017 - Jul 2018

- » Working as an industrial design engineer in a multidisciplinary team developing an autonomous vessel that participated in the international RoboBoat competition in Daytona Beach, Florida
- » Designed the vessel in a 3D environment
- » Conducted CFD-analysis
- » Constructed the vessel
- » Achieved €20K acquisition goal
- » Planning & logistics

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Education:

- **MSc Integrated Product Design**
Delft University of Technology
2018 - 2022

Double master's degree at the Delft University of Technology. Graduated in May 2022 with an 8.5. The emphasis of the IPD Master's programme is on conceptualisation and embodiment design, by applying systematic state-of-the-art theories and methodologies, and by integrating user, technology and business aspects.
- **MSc Strategic Product Design**
Delft University of Technology
2018 - 2022

Double master's degree at the Delft University of Technology. Graduated in May 2022 with an 8.5. The focus of the SPD Master's programme is on the business context of product and service design.
- **Minor Robotics**
Delft University of Technology
2017 - 2018

Working as an industrial design engineer in a multidisciplinary team developing an autonomous vessel. The minor preceded the Trident Delft project and constructed the theoretical foundation.
- **BSc Industrial Design Engineering**
Delft University of Technology
2015 - 2018

My BEP (bachelor end project) was focused on finding a new market for FieldLab UPPS and designing a body-scanning solution for gyms.

Voluntary work

- **Lifeguard**
Haagse Vrijwillige Reddingsbrigade
2009 - 2014

Ensuring the safety of beach-goers, supervising thousands of swimmers, giving advice on water safety and being able to give first aid and CPR.

Extracurricular activities

- **Editor and commissioner acquisition**
Turn The Page magazine
2018 - 2019

Writing articles in the field of design and technology and creating accompanying vector illustrations for four issues (7.500 prints per issue).
- **Chairman Technical Support Committee**
ID Study Association
2017 - 2018

The TOC (Technical Support Committee) makes sure all event by Study Association ID become a reality. This includes the biggest annual student festival of The Netherlands with over 1500 visitors, the Industrial Design Business Fair and many more.
- **IO Festival: Technical Designer**
ID Study Association
2017 - 2018

IOF (Dutch: Industrieel Ontwerpen Festival) is the biggest annual student festival of The Netherlands with over 1500 visitors. IOF is entirely designed, planned and built by students. In total there were 3 stages, 6 bands, 10 DJ's and all tickets were sold out. My job was making the plans for all technical aspects and overseeing about 30 people during the construction week.

Extra information

- **Languages**
Dutch (mother tongue)
English (fluent)
- **Hobbies**
Reading (Jung, Berne, Murray)
Music (guitar and piano)
Sports (race cycling)
Home automation projects
Cooking
- **Skills**
Client presentations, creative writing, project management, product strategy, rapid prototyping, user interviews, Adobe CC, SolidWorks, photography, Logic Pro X, Grasshopper, Procreate, soldering, turning, milling, laser cutting, 3D printing, C++, HTML/CSS, PHP