

CURRICULUM

INDUSTRIAL DESIGNER

Design engineer with a deep connection to the physical and material world, born from my passion for extreme sports and their technical hardware, evolved into an interest in solving real problems through product design.

Focused on additive manufacturing and its novel applications, together with computational design and parametric workflows, to achieve what conventional methods do not allow.

Able to bring projects and ideas to real prototypes, with an approach centered on the user and modularity.

EXPERIENCE

AIKLO MAR/JUL_2026

→ Industrial Designer

CAD design. Responsible for design and manufacturing of mobile accessory products.

FABREZ JAN/SEP_2025

→ Draftsman and project designer

Modeling and design in SolidWorks for sheet metal projects.

TU/E SEP/NOV_2023

→ Tutor. Human Centered Design course

Teach classes every week, give feedback and answer questions. Organize class sessions.

ENVAC IBERIA JUL_2021

→ R&D department assistant

LANGUAGES

Eng: Native ● ● ● ● ●

Spanish: Native ● ● ● ● ●

LINK TO MY PORTFOLIO:

[CARLOSBTHOMAS.COM](https://carlosbthomas.com)



EDUCATION

TECHNICAL UNIVERSITY EINDHOVEN SEP_2019/
JAN_2024

→ Bachelor industrial design

The Industrial Design program at TU/e (Eindhoven University of Technology) focuses on creating innovative, user centered solutions through the integration of technology and design.

ELISAVA SCHOOL OF DESIGN SEP_2025/
JUL_2026

→ MSc Industrial Design Engineering

Master's program focused on understanding new technologies and design trends, within which I focused on advanced additive manufacturing. As my final thesis, I developed HIDRA, a modular downhill skateboarding helmet with multi impact protection through a TPMS lattice liner optimized by simulation (nTop, FEA), replacing conventional EPS that degrades after a single severe impact. Project graded 9/10

SKILLS

● HARD

○ SOFT

ADOBE

USER TESTING

FUSION 360

3D PRINTING

SOLIDWORKS

FIGMA

ARDUINO

PDM

HUMAN CENTERED DESIGN

BLENDER

NTOP

Grasshopper/Rhino

VIZCOM

LINK TO MY LINKEDIN

[CARLOS BERNAD THOMAS](#)