

Abdel Mounem Taouai

2-2340 rue Alice-Nolin, H4N 3G9, Montréal, QC, Canada

Tel : (514) 804 0865, mounemus@gmail.com

Linkedin : <https://www.linkedin.com/in/mounemus/>

Behance : <https://www.behance.net/mounemus>

Portfolio: <http://mounemus.virlabdesign.com/>



SUMMARY

Designer, Digital Arts Artist, Research Professor in Design, working since 2001 in the field of industrial design, advertising design, web design, publishing, furniture industry, and interior architecture, etc. My approach is global and transdisciplinary, combining a taste for technicality, cleverness and the record towards new technologies. Driven by the challenges of transmission and education as the engine of transformation of our society, I mix different methodologies to involve and collaborate customers, users, inhabitants, industrialists, craftsmen according to the project, in an approach based on "doing", experimentation and prototyping with a creative vision and attention to detail, a rigorous, collaborative spirit and a great ability to work as a team.

SKILLS

Industrial Design

- Thorough understanding of design, problem solving, conceptual sketches, rendering, modeling methods;
- Technical analysis of products and their competitive environment;
- Analysis of usage and behaviour;
- Design and monitoring of Object/Product Publication;
- Expertise in industrial processes/materials;
- Market development/research;
- Technical benchmark, comparative tests, functional analysis.

Creativity

- Creative and Innovative Process: Design Thinking;
- Brainstorming, mind maps, sketches, story boards.

Computer graphics and design

- A wide range of programs.
- Adobe Photoshop, Illustrator, Corel Draw, SolidWorks, Keyshot, Rhinoceros3D, SketchUp
- Proficient in computer and internet tools (Excell, Google docs, Social Networks);

Computer-aided manufacturing

- Knowledge of digital manufacturing issues and innovation and design issues.
- Knowledge of equipment.
- Technical knowledge and skills: handling 3D printers, CNC (engraving machine, etc.)
- Perfect handling of hardware and software (ASPIRE, RHINO 3D, GRASSHOPPER, etc.)
- File execution for 3D modeling and printing

Prototyping

- Volume mock-ups, iterative mock-ups.
- Functional prototypes,
- Work with thermoplastics and wood.

Parametric design

- Shapes with complex geometry.
- Parametric CAD
- RHINO 3D GRASSHOPPER plugin.

Graphic design, web

- Design and implementation of graphic and digital communication support;
- Integration of digital content;
- Web design under WordPress CMS; Joomla, Shopify.

WORK EXPERIENCE

WEB Designer and Developer

10/2021-to-date

MobileSnap, Montréal

- Create and optimize website content using graphics, databases, animations, etc.;
- Lead and coordinate multidisciplinary teams to develop website graphics and content, capabilities and interactivity.

Trainer

01/2021-06/2021

Doussou-Formation (<https://www.doussou-formation.com>), Montréal

- Facilitate the Accelerate training course in: Rhino3D, RhinoGold, SketchUp;
- Support students in the learning process.

Instructor Observation Drawing

01/2021-06/2021

Institut Teccart. (<https://www.teccart.qc.ca/>), Montréal

- Introduces students to observation and understanding of the built environment.
- Help the student develop the skills to represent this 3D freehand drawing environment in order to communicate it to a third party.

Assistant Professor of Higher Education

2003-2020

Ecole Supérieure des Sciences et Technologies du Design, Tunisie

- Responsible for the “studio design” product design workshop. <http://www.essted.rnu.tn/>

Founder and Artistic Director

2001-2003

Management of the design and advertising agency **NEODESIGN**, Tunisia

- Design and supervision of creative services and production monitoring.
- Identify and design innovative custom solutions.

OTHER RELEVANT EXPERIENCES

Postdoctoral Intern

2020-01 /2021

Université de Montréal at the **HYBRIDELAB** research laboratory. <https://hybridlab.umontreal.ca/>.

Research project focuses on the creation of new representation tools in the ideation phase of the industrial design process.

EDUCATION

Doctorate in Design Science and Technology

2018

Right Honourable Mention (Ecole Supérieure des Sciences et Technologies du Design, Tunis, Tunisie)

Research project entitled “*Digitization of Creative Methods: New Approaches to Teaching Industrial Design Methodologies.*”

Master’s degree in Science and Technology of the Arts

2004

Institut supérieur des Beaux-Arts, Tunis, Tunisie

National diploma in art and crafts: product design

2002

Institut supérieur des Beaux-Arts de Tunis, Tunisie.

REFERENCES

References available on request
