

Sayit Alisan

Industrial Designer

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Experience

Mahindra & Mahindra - Erkunt Tractor Ind. Inc. | Industrial Designer,
Ankara, Turkey, October 2017 – September 2019

- Worked with a design team consisting of people from different disciplines in R&D center to conceive, design, test, and develop new products and services for tractors.
- Designed various parts of tractors, ranging from hood, cabin, exhaust to external and internal trims.
- Designed digital and serigraphic cluster interfaces for different tractor segments.
- Created detailed CAD drawings, 3D models and technical drawings for mass production.
- Led design processes from inspiration and research to building prototypes and final products appropriate for mass production.
- Translated user needs and motivations into tangible design concepts.
- Developed quick concepts through sketches, 3D models, and low-cost rapid prototypes.
- Worked closely with various manufacturing companies providing services in sheet molding compound, injection and rotational molding, iron casting, CNC sheet metal punching etc.

Userspots - IOX | Industrial Designer,
Istanbul, Turkey, March 2017 – October 2017

- Worked with electronic and software engineers to develop IOT and interactive products.
- Developed design concepts through ideation sketches, 3D models, and renders.
- Finalized and built working prototypes in collaboration with engineers.
- Mentored students in IOT camp to develop their ideas and taught them software programs such as Photoshop, Illustrator, Rhino, and Keyshot during the camp period.

Freelance | Industrial and Product Designer,
Istanbul, Turkey, July 2016 – October 2017

- Worked for Userspots and other clients.
- Created detailed CAD models and product renders for the clients.
- Developed various conceptual products, user interfaces, and logos according to specific design briefs.

Designnobilis | Junior Industrial Designer,
Ankara, Turkey, February 2016 – July 2016

- Involved in design projects ranging from furniture and electronics to medical and kitchen products.
- Translated free hand sketches into 3D CAD models.
- Created, updated, and finalized engineering CAD models.
- Developed many design concepts and prepared 2D & 3D visuals documentations for clients.

Rhode Island School of Design |
Teaching Assistant,
Providence, RI, February 2021 – May 2021

- Helped undergrad and graduate level students in the “Wood” class.
- Operated machines & tools in the woodshop and preparing them for the use of students.

ID Cad Lab Monitor,
Providence, RI, February 2021 – May 2021

- Operated the ID Cad Lab in the Industrial Design faculty building.
- Managed Makerbot and Stratasys 3D Printers, Laser cutter, Plotter operations in the lab.

Teaching Assistant,
Providence, RI, February 2020 – January 2021

- Assisted undergrad and graduate level students in the “Advanced CAD” and “Designing with SolidWorks” classes through the terms.
- Taught students 3D modeling in Rhinoceros and SolidWorks.

Graduate Assistant,
Providence, RI, October 2019 – June 2020

- Researched, gathered, and managed information throughout terms the ID department's web blog.
- Designed and edited contents for the web blog.

Education

Rhode Island School of Design | Providence, RI, USA
Master of Industrial Design, 2021

METU | Ankara, Turkey
Bachelor of Industrial Design, 2016

Skills

Design Skills

Problem Solving
Human Factors and Ergonomics
Design & User Research
Free Hand & Digital Sketching
Production-Ready 3D Modelling
3D Rendering / 2D & 3D Animation
Manufacturing Techniques
Working with Different Materials such as Wood, Metal, and Plastic
Hands-on Experience
Fabricating Mockups, Models, and Working Prototypes

Digital Tools

Rhinoceros
SolidWorks
Autodesk Inventor
CATIA
Blender
KeyShot Pro
Rhinoceros Grasshopper 3D
Rhinoceros T-Splines
VR
Unity
Unreal Engine
Adobe Creative Suite

Physical Tools

3D Printers
Wood Working Machines
Metal Working Machines
CNC Router
Laser Cutters
Vinyl Cutters
Hand Tools
Wood - Metal - Plastic
Styrofoam
Clay - Ceramic

Recognition

RISD Fellowship | 2019-2021,

For attending Rhode Island School of Design - Providence, RI, USA

Turkey Ministry of Trade 2-year Full Scholarship | 2019-2021,

For studying Overseas Master's Degree - Providence, RI, USA

Design Turkey Conceptual Awards | 2018,

Winner- Istanbul, Turkey

IMMIB National Design Awards | 2018,

3rd Place - Istanbul, Turkey

Automotive Component Design Awards | 2018,

2nd Place - Istanbul, Turkey

ROBOIK National Autonomous Vehicles Competition | 2017,

Winner - Ankara, Turkey

Languages

English
Turkish