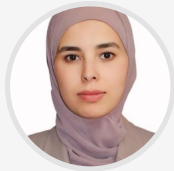


OUMAIMA DHAOUADI



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Innovative and detail-oriented professional with extensive experience in engineering and design, specializing in the development and analysis of electronic systems. Known for a strong ability to translate complex technical concepts into clear instructions and visualizations, I thrive in collaborative environments and excel at driving projects to successful completion while maintaining high quality standards.

Employment

Jan 2023 - Present

Team Engineering - Lay-out and Technical Service Manager for Mounting Board Manufacturing

PRODUCTION SERVICE ZENTRUM (PSZ TN), Tunisia

- Developed and created detailed 2D technical diagrams for electronic wiring systems used in various types of machinery.
- Analyzed and interpreted complex electronic cable schematics to ensure accurate implementation.
- Performed material suitability analysis for each product, optimizing design choices based on functionality and durability.
- Evaluated and mitigated risks in the production of specialized electronic wiring systems, ensuring compliance with safety and quality standards.
- Proactively identified and resolved potential production challenges to maintain smooth and efficient operations.
- Ensured all designs met specific client requirements, tailored to the application field of the machines (e.g., automotive, agricultural).
- Conducted thorough reviews of mounting boards, making technical adjustments as needed to meet specifications.
- Managed the production of mounting boards, including the integration of key components such as forks and counterparts.
- Used CAQ software to verify and validate the accuracy of mounting boards, ensuring precision in the final output.

Sep 2021 - Jan 2023

Designer
ARTS & MÉTIERS DU MÉTAL

- Develop and produce creative designs, blueprints, or models using design software (e.g., AutoCAD, Adobe Suite, etc.) in 2D and 3D formats.
- Work with clients, project managers, and other stakeholders to understand design objectives, specifications, and deliverables.
- Generate ideas and create initial concepts that align with project goals and client expectations.
- Recommend appropriate materials, colors, and finishes that enhance the overall design while meeting budget and functional requirements.
- Create prototypes, mock-ups, or sample models for design approval before final production.
- Lead and mentor junior designers, providing guidance and feedback on design processes and output.
- Adjust and refine designs based on feedback from clients or internal teams, ensuring the final product aligns with project specifications.
- Ensure all designs meet industry standards, client requirements, and project deadlines, conducting quality checks as necessary.
- Utilize industry-standard design software (e.g., AutoCAD, SketchUp, Adobe Creative Suite, SolidWorks, etc.) to create detailed, precise designs.
- Stay informed of the latest design trends, materials, and techniques, implementing these into projects where appropriate.

Internships

Final Year Project
LE CONSULTANT INGENIERIE

- Study of a Crossing Structure over Oued Remil
- Designed and analyzed an agricultural track.
 - Conducted hydraulic and hydrological studies for the project.
 - Developed geometric studies and formwork design for the culvert.

Education

2018 - 2021

Higher Technician Diploma in Civil Engineering
Higher Institute of Technological Studies

2018

High school diploma in Technical Sciences
2 Mars Mateur school

Skills

Pack OFFICE	SolidWorks
AUTOCAD	REVIT, ROBOT STRUCTURAL ANALYSIS
GRAITEC, COVADIS, PISTE+5	

Certificates

Nov 2021	AutoCAD 2D Certificate
Mar 2019	Certificate of participation in the international conference under the theme: "Examples of Urban Traffic Management"
	Certificate of participation in Digital Marketing

Qualities

Strong communication and teamwork skills	Problem-solving skills and the ability to work within deadlines
Excellent attention to detail and precision	Strong artistic and creative abilities

Languages

Arabic	English
French	German