



MUSTAPHA HADDAD

Application Engineer

Product Development | Mechatronics

About Me

Application Engineer and Mechatronics Engineer with hands-on experience in product development, 3D CAD, technical drawings, customer-specific engineering solutions, and technical documentation. Currently working at Hetric Nordic with industrial radio-control solutions, testing tools, validation, and technical support.

Professional Experience

Hetric Nordic — **Application Engineer and Product Developer**

June 2024 – Today

- Developed customer-specific industrial radio-control solutions.
- Created technical drawings, product documentation, and configuration documents.
- Designed product solutions using 3D CAD tools.
- Produced mechanical and electrical drawings for customer applications.
- Developed internal software tools for testing, validation, and workflow improvement.
- Provided technical follow-up, troubleshooting, and customer support.
- Collaborated with engineering, production, and customers.

Matterix — **Bilingual Digital Instructor**

January 2021 – Today

- Delivered online instruction in mathematics and science for high school students.
- Explained technical concepts clearly in both one-to-one and digital learning settings.

University of Agder — **MatRIC Drop-in Tutor**

August 2022 – June 2023

- Provided one-to-one and group tutoring in mathematics and physics at university level.
- Supported students in understanding engineering-related calculations and core technical concepts.
- Led study sessions with a clear and structured teaching approach.

Handicap International — **Physical Therapist / Project Officer**

2013–2015

- Provided rehabilitation care and follow-up for patients with disabilities.
- Coordinated hospital rehabilitation services and supported improvement projects as Hospital Project Officer.

✉ Mustaphahaddad89@outlook.com

☎ +47 - 464 19 349

📍 Horten, Norway

🌐 www.orynt.no

🌐 LinkedIn

Soft Skills

- Practical problem-solving
- Clear technical communication
- Structured and detail-oriented
- Fast learner and adaptable
- Team-oriented with independent drive

Technical Skills

- CAD & Design: SolidWorks, Solid Edge, Blender
- Programming: Python, C/C++, C#, HTML, CSS, JavaScript
- Automation & Control: MATLAB/Simulink, Beckhoff TwinCAT, HMI/UI
- Embedded & Robotics: Microcontrollers, CAN bus, ROS2, RViz, Gazebo
- Engineering: Technical drawings, product documentation, testing tools

Education

Bachelor in Mechatronics

University of Agder, Grimstad —

Completed 2024

One-year Course in Special Pedagogy

Folkeuniversitetet, Tønsberg — Completed

2019

Bachelor in Physical Therapy

Lebanese University — Completed 2012

Languages

Norwegian: Professional working proficiency

English: Professional working proficiency

Arabic: Native

French: Good working knowledge

Projects

- Human-Robot Collaboration — Robotics, simulation, control logic and system integration
- Phase Separator HMI with PID Control — Industrial HMI, process visualization and control
- CAN Bus-Based Game — Raspberry Pi, embedded systems and CAN communication