PERSONAL INFORMATION   Matija Čorak

📍 Black River, Mauritius

📱 (+230) 57928818; (+385) 91 723 6143

✉ cmatija2@gmail.com

Sex Male | Date of birth 07/12/1992 | Nationality Croatian

About me:

I am an experienced Automation Engineer with a strong, reliable work history in the industrial environment. I am high-skilled in Matlab, Microsoft Excel (VB Macro programming), InTouch, WinCC flexible, Siemens Step7, TIA Portal, and a Machine Learning. I am a hard-working engineer with a Master's Degree in Automation and Electrical Engineering Technology/Technician from University of Rijeka Faculty of Engineering.

WORK EXPERIENCE

10/04/2014–31/09/2014   **Electronic engineer**
Bft Adria d.o.o, Rijeka (Croatia)

Internship as a student. Repairing electrical parts of electric motors and parking ramp systems.

10/03/2015–20/05/2016   **Automation / Electrical Engineer**
Inmel d.o.o, Rijeka (Croatia)

Commissioning in the ship industry.
Development tools: Siemens TIA Portal V12, Macro development (Microsoft Office Excel), SCADA development, Siemens Logo! and Micro/WIN S-7 200

01/09/2017–27/10/2021   **Automation / Electrical Engineer**
Danieli Systec d.o.o, Rijeka (Croatia)

Development (office projects)

01/09/2017 - 01/02/2018

As a student I worked on my master thesis called "The Management for Transport System of Seamless Pipes by Transport Rollers controlled with Frequency Converters."

Development tools: Siemens Step 7, Siemens TIA (OP Panel) and Excel Office (data between software and SCADA).

01/02/2018 - 20/12/2018

RIZHAO (China)
Software development for the two slab casters (steel industry, continuous casting machines)
- Understanding of the electrical, and mechanical documentation (EPLAN), P&D.
- Software development (Siemens STEP 7 v5.6).
- Ethernet network diagram.
- I/O list.
- Fieldbus/PLC communication.
- Hardware configurations (STEP 7).
- Simulation (Siemens winLC).
- Safety PLC, hydraulic and exhausting systems (soft start), heaters, transport cars (drive + encoder).
- SCADA (WinnCC Flexible), TIA Portal V14(OP Panel)).

VERONA (Italy)
- Software (Siemens STEP 7) local control station commands.

-Representing my company on the JobFair (career fair).

- Mentoring students.

Commissioning (field projects)

20/12/2018 - 21/05/2019

China (Rizhao), Shandong Iron and Steel Group Co Ltd Steel – two Slab Casters
- Electrical troubleshooting
- I/O check.
- Hardware configuration.
- Implementing and testing safety PLC.
- SCADA
Working area: safety control, cooling system, and transport area.
Development tools: Siemens Step 7 v5.5; WinCC flexible.

01/07/2019 - 30/10/2019

Vietnam (Quang Ngai) Hoa Phat, three Billet Casters
- Electrical troubleshooting
- I/O check.
- Hardware configuration.
- Communication fieldbus.
- Performance tests.
- SCADA

Working area: caster floor, cooling, hydraulic and exhausted system, and transport area.
Development tools: Siemens STEP 7, WinCC flexible.

08/11/2019 - 10/01/2020

Algeria (Bellara) AQS - two Billet Casters
- Electrical troubleshooting
- I/O check.
- Hardware configuration.
- Communication between Caster and Rolling Mill.
- MCC soft starters.
- SCADA

Working area: caster floor, cooling, hydraulic and exhausted system, and transport area.
Development tools: Siemens STEP7, Siemens InTouch (HMI), IBA (analysis software).

01/03/2020 - 27/10/2021

Vietnam (Quang Ngai) Hoa Phat, two Thin Slab Casters
- Electrical troubleshooting
- Modification (electrical) electrical cabinet, valves, flowmeter and temperature sensors setup.
- I/O check.
- Hardware configuration.
- PLC communication.
- Software configuration.
- PID regulation, soft starter, drive.
- SCADA.
- Client support.
Working area: soft reduction and cooling system.
Development tools: TIA Portal V15.1, WinCC flexible.

EDUCATION AND TRAINING

01/10/2011–10/07/2015	**Bachelor's Degree in Electrical Engineering**
	University of Rijeka, Faculty of Technical Studies, Rijeka (Croatia)
01/10/2015–01/03/2018	**Master's Degree in Electrical Engineering**
	University of Rijeka, Faculty of Technical Studies, Rijeka (Croatia)
10/01/2017–31/05/2017	**Erasmus**
	University of Cyprus, Nicosia (Cyprus)

PERSONAL SKILLS

Mother tongue(s)   Croatian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
German	A2	A2	A2	A2	A1
Italian	A1	A1	A1	A1	A1
Polish	B1	B1	B1	B1	A2
Spanish	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Communication skills   I consider myself as a very accessible and communicative person who is open to new challenges and further learning. I love working as a team, and I am able to adapt when necessary. Thanks to my educational and professional background, I have relevant interpersonal skills which lead me to communicate efficiently with others.

Organizational / managerial skills   I am confident with my negotiation skills; I respect other opinions in order to create harmony in my environment. I am a very meticulous and organized person, and I always have vision of how something should be done and in what period of time. I believe that good organization represents half of the work, and the second part is coordination of the team.

Driving license   AM, B

- Job Fair - Faculty of Engineering Rijeka
- China
- Vietnam
- RODO

Job Fair – Faculty of Engineering Rijeka

China

Vietnam

RODO.pdf

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Authorized Signature