



Cailean Daniel Andrei

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WORK EXPERIENCE

25/06/2019 – 27/08/2019 Cluj-Napoca, Romania

TECHNICAL QUALITY CONTROL ASSISTANT FSA SISTEME DE ASAMBLARE SRL

Ensure that the assembly parts of a robotized line have been produced within the technical drawing specifications and are ready to be installed without complications.

Address Pta. 1 Mai, Nr.1-2, 400058, Cluj Napoca, Cluj-Napoca, Romania

20/06/2021 – 10/08/2021 Cluj-Napoca, Romania

SUMMER PRACTICE GÜHRING S.R.L. – ROMÂNIA

developed a profound understanding of the inner workings behind the design of drilling, cutting, and milling tools.

30/06/2022 – 30/09/2022 Bistrita, Romania

ELECTRICAL AND ELECTRONIC EQUIPMENT ASSEMBLER FLACARA IMPEX SRL

Assembly of electrical panels and equipment.

Overseeing the programming of microcontrollers.

Developing a working and usable application for the detection of a faulty, to-be-assembled product using machine vision.

01/02/2023 – CURRENT Cluj-Napoca, Romania

RESEARCH ENGINEER UNIVERSITATEA TEHNICA CLUJ NAPOCA - CESTER RESEARCH CENTER

Development of parallel robots designed for medical applications

Programming of PLCs to ensure control over said medical robots

EDUCATION AND TRAINING

03/10/2022 – 19/07/2024 Cluj Napoca, Romania

MASTERS DEGREE IN ENGINEERING, ROBOTICS Technical University of Cluj-Napoca

Address bd. Muncii, nr. 101-103, Cluj Napoca, Romania

18/09/2018 – 07/05/2022 Cluj-Napoca, Romania

BACHELORS DEGREE IN ENGINEERING, ROBOTICS Technical University of Cluj-Napoca

Address bd. Muncii, nr. 101-103, Cluj-Napoca, Romania | **Website** <https://iirmp.utcluj.ro/acasa.html> | **Field of study** Robotics |

Thesis PERFORM QUALITY CHECK OF ASSEMBLIES USING MACHINE VISION SYSTEM

Bistrița, Romania

HIGH SCHOOL DIPLOMA Colegiul Tehnic INFOEL

Address Calea Moldovei 20, Bistrița, Romania | **Field of study** Informatics and mathematics

LANGUAGE SKILLS

Mother tongue(s): **ROMANIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C1

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

DIGITAL SKILLS

Microsoft Office | c++ | C# | Java/Kotlin | Python | Arduino | TIA STEP 7 | SolidWorks (Professional Proficiency) | Catia V5 (Professional Proficiency) | MATLAB | SQL

HOBBIES AND INTERESTS

Hiking, Travelling, Painting and watching Formula 1

COMMUNICATION AND INTERPERSONAL SKILLS

Collaborating and working well together with others.

Clear communication skills.

Conflict management and resolution skills.

Tolerance and respect for team members.