

**Miele**

# **Miele Brasov Summer Internship**

**19 July - 4 September 2021**



Brasov, Feldioara

## About Miele Brasov

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### ■ Miele - Premium brand for more than 120 years

Miele is present in Braşov since 2009 with a **production plant** that provides the group with the necessary electronic components and subassemblies for the control units of the smart home appliances and with a **Software and Hardware Development** department in which software programs are developed for a variety of Miele home appliances and professional products.

#### Contact persons:

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#### If you want to know us, you can find us at:

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- address : Calea Feldioarei, Carl Miele Street, no. 1



## Summer Internship@Miele Brasov

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### Miele Summer Internship: 19 July – 4 September 2021

No	Department	Project title
1	Operational Excellence	Developing future digital competencies
2	Software Technology	Develop an exciting new user interface for a mini washing machine with the latest technologies.
3	Software Technology	PCB Design for toy washing machine control circuit
4	Software Technology	Monitoring application for Digital Display equipment's

Apply until 25 April 2021  
[recrutare@miele.ro](mailto:recrutare@miele.ro)

# Project details

No	Department	Project title	Description/ Details	No of places	Specific requirements
1	Operational Excellence	Developing future digital competencies	Within the project of increasing the degree of digitalization, a questionnaire will be made to evaluate the level of digital competence and the training needs related to digital competences, for the directly productive staff. Based on the results of the evaluation, results will be mapped, and topics and ways of training will be proposed, suitable for direct staff, in order to increase the level of digital competence in the production area	1	<p><b>Must have:</b> *3 or 4 th year psychology student (for designing the evaluation questionnaire) Microsoft Excel knowledge, Microsoft PowerPoint, creative thinking, openness to research, communication skills, proactive attitude.</p> <p>What the student will achieve: knowledge of data organization and interpretation, knowledge related to the concept of digitization, working in multi-disciplinary teams</p>
2	Software Technology	Develop an exciting new user interface for a mini washing machine with the latest technologies	<p>Proof of concept applications to demonstrate and evaluate the viability of a technology (ionic framework, React, React native, Native Script, pure native code etc.)</p> <p>Objective: MVP applications that can be used to evaluate the viability of a technology.</p>	1	<p><b>Must have:</b> Understanding of data structures and algorithms Understanding of object-oriented programming Basic knowledge of HTML, CSS, Javascript Nice to have knowledge: Type Script Angular or React</p>
3	Software Technology	PCB Design for toy washing machine control circuit	<p>Create a functional PCB from idea to schematic to layout for a replica Miele washing machine to be able to control it remotely.</p> <p>Develop the circuit diagram and layout to unify the power supply, microcontroller/wireless communication, sensor/actuator modules used to control the toy washing machine.</p>	1	<p><b>Must have:</b> Understanding of electronic circuit laws and principles Knowledge of electronic components Knowledge of schematic and layout design Experience in designing basic circuit diagrams</p>
4	Software Technology	Monitoring application for Digital Display equipment's	<p>An application to check all PCs connected to the factory displays in one place.</p> <p>Automate the verification of 46 factory displays in various locations Checking the network connection and the display for data correctness Application development in an easy-to-use programming language</p>	1	<p><b>Must have:</b> Average knowledge in a web programming language, python Database Knowledge Base (SQL) Familiar with software development Understand the principles of network operation The desire to learn and work in a team</p>

## Informations/ How to apply

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- Practice between 19 July – 4 September 2021
- Place of practice: Miele Tehnica , Carl Miele, No. 1 Street, Feldioara, 507065, Brasov
- Applications will be sent until 25 April 2021 on the UNITBV online platform, but please also send the CV in English with information about the school results, along with a letter of intent describing the interest to a particular area and the reason for choosing the company for the internship, to the address: [recrutare@miele.ro](mailto:recrutare@miele.ro)  
Save the document as: “YourName\_UNITBV\_2021“
- The initial selection will be based on the CVs received and the letters of intent.  
(online or face-to-face interviews / telephone will be organized)

## **Benefits offered:**

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- **Remuneration**
- **Meal vouchers Accommodation for students outside Brasov**
- **Canteen discount**
- **Specific training on the job and mentoring**
- **Opportunity to continue with a diploma project supported by us**
- **Transportation (BV-Feldioara-BV)**
- **Medical service available on site**
- **Bookster**
- **7 Card**

**Join us !**