



**Iveco Group** (MI: IVG) is a leading global automotive company active in commercial and special vehicles. It employs approximately 34,000 people worldwide and has 28 production sites and 29 R&D centres. Within the Group, FPT is the business unit specializing in the research, development and production of powertrains.

Around 265 highly qualified employees work at FPT Motorenforschung AG in Arbon, directly on the shores of Lake Constance in North-Eastern Switzerland. We are the leading innovation centre for FPT and play a central role in the development of future powertrain solutions - not only for diesel engines but also for electrified drivetrains, hybrid engines and fuel cells, as well as for novel engine concepts and fuel types.

For students, we are currently offering the opportunity of an

## Battery Validation Internship

### What we offer:

You will have the unique opportunity to learn and contribute to our future electrified powertrain product portfolio. As a Battery Validation Intern, you will report directly to the Testing & Validation team leader and assist the team in battery testing, documentation, research, data analysis and project management support.

### Essential Responsibilities:

- Setting up and monitoring testing protocols for battery cells, modules and packs
- Participate in the collection and analysis of testing data
- Help create, review, and update test plans, standard operating procedures, test reports, and other documentation
- Conduct research on the latest battery technologies, testing methodologies, industry standards, and competitor products
- Support data analysis efforts including using software tools to process and visualize data, performing statistical analyses, and assisting in result interpretation
- Support the team's project management efforts such as tracking progress against project plans, coordinating communications and maintaining project documentation

### Requirements – *Must haves*:

- Currently enrolled student of Engineering, Physics, or a closely related field
- Understanding of battery systems and their testing protocols is a plus
- An analytically thinking mind and familiarity with data analysis software tools as well as strong attention to detail and ability to assist in documentation
- Interest in conducting hands-on research and staying up to date with the latest technological developments
- Willingness to learn fast and to not only work in a highly multinational team, but also to take responsibility to independently manage smaller projects
- Advanced English language skills, written and spoken (B2 or higher)
- You must either hold citizenship of Switzerland or an EFTA or EU-26 member state, or alternatively possess a valid work permit for Switzerland

### Requirements – *Nice to have*s:

- Prior internship or academic experience related to battery systems or testing protocols
- Knowledge of testing and data analysis software (MATLAB, LabVIEW, Python, etc.).
- Acquaintance with industry standards and best practices related to battery testing and validation
- Ability to work with cross-functional teams and good communication skills
- Time management skills and the ability to handle multiple tasks simultaneously, as well as familiarity with project management tools and methodologies
- Demonstrated problem-solving abilities, positive ca-do-attitude and a proactive approach to identifying issues and implementing solutions
- Self-motivated, ability to work independently when required and capability to quickly adapt to changes in a fast-paced work environment
- Interest in sustainable technologies, electric vehicles and renewable energy
- German and/or Italian skills could be an asset (business language is English, though)

### Life at FPT/IVECO in Arbon

Arbon is located in North-Eastern Switzerland on the shores of Lake Constance 30 minutes from the German and Austrian borders offering an outstanding quality of living, with our site being based right at the lakefront. Lunchbreak by the water or meeting the family after work in the park? That will take you literally just seconds. Are you more into skiing, hiking or biking than watersports? The Swiss and Austrian mountains are at our doorstep. You prefer settling in a city over country life? St.Gallen, Eastern Switzerland's cultural and economic center with its world-renowned university is a mere 15 minutes' drive from Arbon (yes, we provide free parking) with distinctively more affordable costs of living than most of the other larger cities in Switzerland.

As Swissmem members, our working conditions are regulated by the **tariff of the Swiss machinery and metal industry**. We work a 40 hour week with flexible working hours, offer between 25 and 30 days of holidays per year depending on your age grade (plus another week off as a compensation for 10 minutes extra per day, so in effect **30 to 35 days of holidays for a 40.83 hours week**), **home office** opportunities of **up to 12 days per month** (depending on the position) as well as an open-minded corporate culture with international and diverse teams, flat hierarchies and informal culture based on mutual respect. And, most importantly, we are providing a state-of-the-art environment for engineers in the automotive industry that is second to none within Switzerland and offers various career paths for all interests.

### Interested?

Please send your application to [recruitment.arbon@ivecogroup.com](mailto:recruitment.arbon@ivecogroup.com)

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