



## Internship / Thesis Automation and Information Technology (m/f/d)



### LOCATION

Ludwigshafen am Rhein, DE



### COMPANY

BASF SE



### JOB FIELD

Engineering



### JOB CONDITIONS

Internship



### JOB ID

88428

### WELCOME TO BASF

The Service Unit Global Engineering Services crafts and engineers a sustainable future with world class technical expertise. Our interdisciplinary, global, committed teams serve the BASF businesses to grow with our customers, products and markets. We add value by delivering competitive execution of investments. On construction sites across the globe, we deliver safe and reliable solutions to build and keep BASF assets operating at top performance. In doing so, we continuously improve and drive digital transformation.

### WHAT YOU CAN EXPECT

In the field of industrial communications technology, we support operations with industrial and hazard communication technology. In addition to conventional system technologies, we use innovative technologies for early hazard detection in the process industry.

- You will support us in the further development and implementation of our solutions.
- Possible topics include artificial intelligence (AI), PLC programming, computer vision, evaluation of innovative technologies.
- The focus of your work will be jointly determined depending on your interests and skills.
- At the Ludwigshafen site, you will work for this purpose in an interdisciplinary and cross-departmental team, in which you will present and discuss your results and implement them in the companies.

## WHAT YOU OFFER

- advanced bachelor's or master's degree in a STEM field of study
- good programming skills (e.g. Python, C/C++, Codesys)
- advantageous: knowledge in software versioning and MLOps (e.g. Git, DVC), machine learning, computer vision, network technology
- very good communication in German and English
- independent familiarization with new topics as well as the ability to actively contribute your ideas to the team
- we look forward to receiving your application documents, including a current certificate of enrollment.
- if it is a compulsory internship, please attach your study regulations or a corresponding document certifying the duration of the compulsory internship to your complete application documents

## WHAT WE OFFER

- Practical phase - actively apply theory in challenging and varied tasks/projects
- Teambuddy - contact person for all questions and regular feedback
- Networks - get to know different perspectives, ways of thinking and fields of work
- Internship compensation - a recognition of the commitment, more information here: [on.basf.com/compensationBASFSE](https://on.basf.com/compensationBASFSE)
- Flexible working hours - depending on the location and area of work

## HOW TO REACH US

- Yulia Haars (Talent Acquisition), [yulia.haars@basf.com](mailto:yulia.haars@basf.com), will be happy to answer your questions for this position
- You can also reach our recruiting team [here](#)
- First information about our application process can be found here: [on.basf.com/applicationprocess](https://on.basf.com/applicationprocess).

## ABOUT US

BASF SE, located in Ludwigshafen am Rhein, is the corporate headquarters of the BASF Group and part of the Rhine-Neckar Metropolitan Region. BASF stands for competence in chemistry since 1865 and is represented today in the world's major consumer markets, with a wide range of products. As the largest employer in the region, BASF SE offers multiple career opportunities for students, university graduates and professionals providing also training in over 30 professions. Leisure, sports, culture and a good infrastructure characterize the Rhine-Neckar Metropolitan Region, in which BASF is also involved with numerous activities. Learn more about BASF SE at [on.basf.com/BASFSE\\_LU](https://on.basf.com/BASFSE_LU)

**Diversity is our greatest strength!**

Become a part of our winning formula for success and develop the future with us - in a global team that embraces inclusion and equal opportunities irrespective of gender, age, origin, sexual orientation, disability or belief.