



**Framatome GmbH**  
Paul-Gossen-Straße 100  
91052 Erlangen  
Germany

Tel: +49 9131 900 96464  
Contact Email: james.dickinson@framatome.com

## Computer Science Student Placements (Summer 2023 – Summer 2024)

Installed Base	Big Data Analytics using Python, and Dashboard Development	2 Positions
Instrumentation and Control	C++ Tool Development	1 Position
Instrumentation and Control	Web Application Design	1 Position

### Job Offer

Framatome GmbH is offering work placements/internships to **Computer Science students (or those doing other computing related courses e.g. Information Technology)** for the year 2023 – 2024. The duration will be approximately 10 months, and the starting date will be in August 2023. Some flexibility will be allowed with duration and starting date.

### About Framatome

Framatome GmbH is a world leader in the field of nuclear power plant construction and servicing. The placement will be based in the largest branch of Framatome GmbH, located in Erlangen, a German university town approximately 20 km north of Nuremberg.

### General Requirements

- Studying Computer Science or another Computing related course (e.g. Information Technology).
- Knowledge of Version Control Software (e.g. Git) and software development methodologies such as Scrum.
- Good written and spoken English.

### Job Specific Requirements

#### **C++ Tool Development:**

- Good knowledge of C/C++ and optionally the Qt framework.
- Knowledge of scripting languages (BASH, Python, etc.) an advantage.
- Knowledge of Linux an advantage.

**Web Application Design:**

- Good knowledge of web-based technologies (scripting, mark-up languages, PHP, HTML5)
- Knowledge of database systems (SQL, Oracle, MySQL, etc.).

**Big Data Analytics using Python and Dashboard Development:**

- Good knowledge of web-based technologies (scripting, mark-up languages, HTML5)
- Knowledge of at least one high-level programming language (C/C++, C#, Java, Python, etc.).
- Knowledge of database systems (SQL, NoSQL)
- Knowledge of Big Data Systems an advantage (Hadoop, Teradata, MapR, Cloudera)

## Administrative Requirements

- Valid passport
- Valid GHIC or EHIC Card
- DBS Check (can be completed after placement confirmation.)

If non-EU, Framatome will also help you obtain the following necessary documents:

- Confirmation of Agreement ("Einvernehmen") from the German Federal Employment Agency
- Confirmation that University Study Regulation includes a traineeship
- Long Stay Internship Visa

## Further Information

The successful applicant will work closely with one of our project managers. The working language is English; however, it is expected that the applicant will engage in learning German during their internship. Demonstrating some interest in German is therefore an advantage to applicants (although not necessary).

This is a **paid internship** (salary: €1035 / month).

Please email your CV (English or German) and a cover letter by 15<sup>th</sup> February 2023 at the **latest** to James Dickinson at:

[james.dickinson@framatome.com](mailto:james.dickinson@framatome.com)

All applicants will receive a reply detailing next steps in due course. For any related queries, please also contact James Dickinson at the above email address.

***N.B. Candidates will be considered upon receipt of application, so early application is advised***