

Student Assistant for GUI Development

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Stellenbeschreibung

European XFEL is an international non-profit company located in the Hamburg area in Germany. It operates a 3.4 km-long X-ray laser, which produces X-rays of unique quality for studies in physics, chemistry, the life sciences, materials research and other disciplines. The diverse scientific facilities at European XFEL enable scientists from across the globe to carry out a wide range of experimental techniques.

For our Soft X-Ray Port group, we are looking for a

Student Assistant for GUI Development

The Position

The goal of this project is to develop a GUI to display time resolved photoelectron spectroscopy data measured at the SXP instrument. The scope of the project includes:

- Development of a GUI to display data preprocessed with an existing library (toolbox-SXP)
- Adapt algorithms and analysis procedures to the GUI
- Collaborate in implementing visualisation tools based on EuXFEL data analysis tools

Anforderungsprofil & Qualifikationen

Requirements

- BSc in Computer Science, Physics, Mathematics, Engineering, or a similar field
- Good knowledge of Python, especially PyQt
- Highly motivated to work in an international team
- Really good knowledge of the English language
- Enrolled Student

The following are considered as assets:

- Experience with Git or a similar version control system
- Experience with software testing and continuous integration

For additional information, please contact Dr. Manuel Izquierdo (manuel.izquierdo@xfel.eu).

Working place will be Schenefeld, in the Hamburg metropolitan area. General information on working in Germany, the Hamburg area and the European XFEL can be found [here](#).

Our offer

Become part of a vibrant international and multicultural team of scientists, engineers, technical and administrative staff. Be involved in cutting edge scientific and technical progress and participate in our international networks. Experience our atmosphere of tolerance and respect.

Salary and benefits are similar to those of public service organizations in Germany, this includes for example:

- family-friendly working environment (e.g. additional childcare days)
- flexible working times and option for work from home depending on tasks
- 30 days of vacation, 24th and 31st of December are free as a courtesy of the employer
- generous company pension scheme (6,45% of monthly salary)
- monthly social events and subsidized company restaurant
- partially financed job-tickets for public transportation
- extensive training opportunities incl. subsidized English and German language classes
- easy and free access to a mental health platform to support your well-being

Our company language is English.

Reference number: X-412

Duration: Initially limited to 1 year, an extension is possible.

Application

Please apply online and provide your CV and a motivation letter in English as well as any reference letters.

The European XFEL GmbH is an equal opportunity and affirmative action employer and we promote and support diverse and heterogenous teams. Applicants with disabilities will be given preference over other equally qualified applicants.

Stellenmerkmale

Beschäftigungsart	Studierendenjob
Beschäftigungsumfang	Teilzeit (befristet)
Home Office	Nein
Bewerbungslink	https://formular.as-mediendesign.de/link/84730587-42002-386-b60954-1643.html

Kontaktdaten

Firma/Hochschule	European XFEL GmbH
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