APPLIED MATERIALS®

Search

Software Engineer-C/C++ Developer (m/f/d) - semiconductor industry

Apply

Job ID: R2514406

Date posted: 06/10/2025

Location: Feldkirchen-Westerham, Germany

Category: Engineering

Applied Materials is the world market leader for special systems and manufacturing processes in semiconductor, electronics and display technology. We not only provide the technology that powers nearly every new chip and advanced display in the world, but also our innovations shape the technology of the future. ~33,000 employees worldwide work in research and development, production, sales, and service.

Our subsidiary, the **'Yield Technology Group'** located in Feldkirchen (near

Munich)develops and produces**high-precision electron optical devices (electron microscopes)**with a close collaboration withinternationally **networked locations such as Taiwan, India and California.** The teambuilds and ships test systems for the display industry. Those image processing systems capture images from high speed scanning electron beam systems and perform complex image processing algorithms to detect defects on memories and processors chips.

For our constantly growing**location in Feldkirchen**, we are looking to strengthening our team and hence actively looking for a**Software Engineer - C/C++ Developer (m/f/d)** who is willing to joining software team that is responsible to control the electron beam, acquire and process those images.

Roles and Responsibility:

SW design and development in C++ on Linux and real time OS

SW development according to organized SW development process

Working with interfaces during the various stages of SW development

Documentation within Office tools

Our Ideal Candidate:

BTech / MTech in Electronics / Computer Science with 3-5 years of experience in C / C++

Experience in SW implementation of Image processing / Signal processing or related algorithms

Understanding of SW development cycle, from requirements to testing, integration, documentation and delivery

Good interpersonal and communication skills both in English and German

Additional Qualifications:

Experience with Qt framework

Experience with real time embedded Linux OS

Familiarity with image processing libraries like Halcon would be an advantage

Experience in multi processors systems

Employment experience in a global company

Experience in development under Linux and Windows OS

Experience in development under real time OS

Your benefits:

We offer you a wide-ranging and interesting range of tasks with a high degree of initiative and responsibility. The internal and external training, our promising salary and bonus structure, company pension scheme and other attractive additional benefits will surely convince you.

Sounds interesting? Then it is best to apply via our online portal. If you have any questions, please do not hesitate to contact me at sahana_gramaprabhakar@amat.com

Know more through our YouTube channel!

Applied Materials - Yield Technology Group
Philipp-Hauck-Straße 6

Feldkirchen (near Munich), 85622 Germany

www.appliedmaterials.com

Qualifications

Education:

Bachelor's Degree

Skills

Certifications:

Languages:

Years of Experience:

4 - 7 Years
Work Experience:

Additional Information

Shift:

AKT Overtime Eligible (Germany)
Travel:

Yes, 10% of the Time
Relocation Eligible:

No
Applied Materials is an Equal Opportunity Employer committed to diversity in the workplace. All qualified applicants will receive consideration for employment without regard to race, color, national origin, citizenship, ancestry, religion, creed, sex, sexual orientation, gender identity, age, disability, veteran or military status, or any other basis prohibited by law.

Apply

Share

View Job Location

Cookie Management   Sitemap