

## **C++ Developer (m/f/d)**

Location: Munich  
Terms: Full Time / Part Time/ Working student  
Salary: 60K – 80K  
Start: Immediately

**About us:** **Akhetonics** is creating the world's first all-optical XPU, a cross-domain processor for general-purpose, ultra-low power, high-performance computing and AI. Furthermore, our photonic processors are created using a purely European supply chain, from fabrication to packaging, allowing for an unmatched security in the high-performance computing domain.

**About the role:** We believe that with a new form of Terahertz CPU, we can make the world a significantly smarter place. As a C++ Developer you will work closely with a small, motivated team and have the opportunity to directly influence product development. Working in a startup environment means flexibility, rapid learning, and the chance to contribute to the development of new technologies from the ground up.

- Responsibilities:**
- Development of a driver for a custom GPU/XPU using Intel oneAPI Construction Kit.
  - Close collaboration with the hardware team to integrate drivers into existing systems.
  - Working with Docker/Linux and Linux tools on Windows.
  - Integration of SYCL (Intel oneAPI) for low-level hardware programming (optional but beneficial).

- Requirements:**
- Experience in C++ (at least 3 years of professional development).
  - SYCL experience (beneficial but not mandatory).
  - Experience with Docker.
  - Strong knowledge of Linux
  - Experience in hardware-related fields (e.g., embedded systems, driver development, hardware acceleration).
  - Experience with Visual Studio for C++.
  - Ability to quickly adapt to new technologies

- Additional Qualifications (beneficial):**
- Knowledge in performance optimization and debugging for high-performance computing applications.
  - Experience working with hardware engineers and driver testing.
  - Work experience in hardware or embedded systems environments.
  - Interest in new technologies in the field of photonics

- Our Benefits**
- Above-average salary
  - Company shares
  - Fitness with EGYM Wellpass
  - Hybrid work possible
  - Company pension scheme
  - Employee & team events
  - Free Coffee/ Tee

Sounds good? Then send us your application to [jobs@akhetonics.com](mailto:jobs@akhetonics.com)! We look forward to hearing from you!

[www.akhetonics.com](http://www.akhetonics.com)