



FUTUREBOOST

Internship – Front-End Programming / Software Engineer (f/m) AT RHEINMETALL AIR DEFENCE IN ZÜRICH

WHAT WE ARE LOOKING FOR

Design and programming of front-end applications (GUI) in Linux with Qt/QML and, optionally, web-based GUI toolkits

Projects you could be working on include a control panel for a drone gimbal control including a head up display (HUD) as well as dashboard for data analysis and representation

Conduction of usability-tests of systems

WHAT QUALIFICATIONS YOU SHOULD HAVE

Bachelor/Master student in computer science or electrical/robotics engineer with very good programming skills and good understanding of software engineering best practices

Initial experience with C/C++ programming on Linux (Qt library is a plus)

Experience with at least one dynamically typed programming language (Python is a strong plus)

Experience with cloud applications, knowledge of web-based data visualization frameworks or GUI stacks such as e.g. Grafana, D3, plotly, vue.js or React is a strong plus

Solid conceptual understanding of Inter Process Communication and/or the TCP/IP Stack (Knowledge in Distributed Systems or Server-Side Web Development are a plus)

Ability to solve challenging technical problems independently and to coordinate efficiently in a cross-disciplinary team

Prior experience with development on embedded Linux Platforms and/or Single Board Computers (e.g. Raspberry Pi) is a strong plus

Very good knowledge of German word and writing

Prior experience with build automation / continuous integration is a strong plus

JOB INFORMATION

Ref. no.: **CH00237**

Working hours: **Full Time**

Contract type: **Internship**

**APPLY
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CONTACT INFORMATION

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WHO WE ARE

Digitalisation, networking, cyber – the Electronic Solutions division covers the entire chain of effects in the system network: from sensors and the networking of platforms and soldiers to the (partially) automated connection of effectors. This is complemented by solutions for protection in cyberspace. Other fields of activity of this Rheinmetall division include comprehensive training and simulation solutions, to which the company contributes over 40 years of experience. Furthermore, there are operator solutions for aircraft. The division is divided into the following business units: Air Defence & Radar Systems, Integrated Electronic Systems and Technical Publications.

Rheinmetall AG, publicly listed and based in Düsseldorf, Germany, is a powerful, internationally successful corporation. As an integrated technology group, Rheinmetall is a market leader in the areas of environmentally friendly mobility and threat-appropriate security technology. Rheinmetall commands a foremost position as a global first-tier supplier to the automotive industry for modules and systems. Furthermore, Rheinmetall is Europe's foremost supplier of defence and security technology and a longstanding partner of the armed forces.

ABOUT THE COMPANY

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