



A.D.A.M SA seeks to appoint a

## SCADA System Engineer

A.D.A.M SA (Applications of Detector and Accelerators to Medicine) is working on the R&D and production of accelerators for medical applications. It is a research company, inspired by CERN and a subsidiary of Advanced Oncotherapy plc. A.D.A.M SA is head-quartered in Meyrin/Switzerland and its laboratories are based at CERN. A.D.A.M SA is involved in a hadron cancer-therapy project to build the linear proton accelerator LIGHT (Linac for Image Guided Hadron Therapy). LIGHT's proton energies range from 70 MeV to 230 MeV and its beam properties are ideally suited for the effective treatment of cancerous tumors. We are aiming to provide a clinically superior and cost-effective alternative to conventional radiation therapy solution, ensuring that clinicians and patients have choices, and that proton therapy is available more widely. More information on A.D.A.M. SA can be found on [www.adam-geneva.com](http://www.adam-geneva.com) and [www.avoplc.com](http://www.avoplc.com).

The successful candidate is expected to define and implement extensions of the SCADA system for the LIGHT control system.

### Job Description

#### Responsibilities and tasks

- ) implement user interfaces for commissioning and operation
- ) implement scripts to control and monitor accelerator control systems
- ) definition and setup of alarming and backup in SCADA system
- ) gather requirements for user interfaces
- ) prepare test cases and to execute commissioning with accelerator systems
- ) provide documentations such as user manuals
- ) assist in commissioning and installation activities in the final system.

#### Qualifications

- ) have a bachelor's degree in software engineering, computing or equivalent
- ) at least 1 year of experience with SCADA systems, preferably ETM (Siemens) WinCC OA
- ) Basic knowledge of version control systems
- ) Spoken and written knowledge of English with the ability to draw up technical texts.

#### Desirable

- ) have a master's degree in software engineering, computing or equivalent
- ) Experience using SCADA system in accelerator-based projects

#### What we offer

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**ADAM S.A.**

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- ) a competitive salary and contribution to healthcare costs
- ) 24 days holiday plus the CERN closing days (approx. 6 days per year)
- ) career progression through training, development and attendance at conferences
- ) a friendly, international working environment with experts in their field
- ) the chance to be at the cutting-edge of proton therapy research

## Applications

Interested candidates should submit:

- ) a cover letter
- ) a curriculum vitae,
- ) a bachelor's degree certificate or equivalent in a relevant field
- ) at a minimum, the names of 2 referees, or two letters of recommendation, and/or employment certificate/s
- ) any other relevant certificates, i.e. WinCC OA training certificates

by email to the HR Administrator, Sabrina Lagrimosa: [sabrina.lagrimosa@avo-adam.com](mailto:sabrina.lagrimosa@avo-adam.com)

For further information please email our Group Leader, Control System Roland Moser, [roland.moser@avo-adam.com](mailto:roland.moser@avo-adam.com)

Job applications open on 15 May and will close on 31 May or until the position is filled.

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