

## Applied Physicist (computing)

### General information

*Place of employment:* Laboratory of High Energy Physics, JINR, Dubna

*Published Date:* 22 March 2021

*Duration of the contract:* 3 years (with the possibility of extension)

*Deadline for application:* 01 July 2021

*Share of work:* full time, 8h

*Remuneration:* 800,000 – 2,700,000 roubles per year (depending on experience, qualifications and interview results), income tax of 13% is applied (regulations of the Russian Federation); employer provides family insurance and helps with housing provision

*Desired level of education:* higher professional education

*Experience required:* 3 years in software development

### Job description

The successful candidate will be a member of the Accelerator division at VBLHEP JINR. The division work is focused on the development of the NICA accelerator facility. ***The candidate will be involved in the development of the accelerator control system.***

### Skills

Experience in design and operation of control systems of accelerators or other physical facilities. Software development in Windows and Linux. Expert knowledge of C++ and Python programming languages. Knowledge of control system of the GIT versions and software networking protocols via TCP / IP. A sound grasp of MySQL programming. Knowledge of JavaScript, HTML and PostgreSQL is an advantage.

Knowledge of English at the level of negotiating with foreign specialists and participating in international conferences.

### Constraints and risks

Shift work and weekend work may be necessary. The work will be carried out at accelerator facilities whereby the necessary authorizations will be issued following the annual medical examination arranged by the employer.

### How to apply

Applicants should submit a detailed CV, a summary of research interests, a list of publications, highlighting representative publications, and arrange to have at least two reference letters sent by the referees to the email address below. These documents should be addressed to Prof. V.D. Kekelidze and sent to Anna Rassadova, [rassadova@jinr.ru](mailto:rassadova@jinr.ru).

Short-listed candidates will be invited to an interview, remotely or in person.