



IAEA

International Atomic Energy Agency

Atoms for Peace

<http://www.iaea.org/safeguards/index.html>

Systems Analyst / Programmer (Temporary Assistance)



Organizational Unit:

Office of Information and Communication Systems,
Department of Safeguards

Duration: 2 years

Deadline: June 20, 2014

Organizational Setting:

The Department of Safeguards is the organizational hub for the implementation of IAEA Safeguards. The IAEA implements nuclear verification activities for some 180 States in accordance with their safeguards agreements.

Within the Department of Safeguards, the Office of Information and Communication Systems (SGIS) is the centre of competence for the specification, development and maintenance of Information and Communication Technology (ICT) systems and for the management of all ICT infrastructure and services to support safeguards. In partnership with other organizational entities, SGIS is responsible for planning and implementing an ICT strategy as well as enforcing ICT standards.

Role:

The Systems Analyst/Programmer is: (1) a *technical specialist* designing, developing, testing and maintaining the IAEA Safeguards Information Systems in the most efficient, effective and maintainable manner, in-line with best practises and quality management standards; (2) a *technical leader* that coordinates and communicates technical activities within and across teams; (3) a *customer liaison* who works with customers to analyse, define and implement their requirements for information systems; (4) a team member of various projects, working collaboratively towards common goals.

Functions:

- Work in collaboration with users to analyse and define user requirements for ICT solutions;
- Design, develop, test and maintain ICT solutions, including performing training and producing the associated user assistance artefacts such as user manuals and online help;

- Work with customers to analyse, define and implement their requirements for information systems;
- Ensure that the ICT solutions developed meet user's business needs, are properly tested, adequately documented and conform to established standards designed to promote reliability, accuracy, usability and maintainability.

Profile:

- University (or equivalent) degree in computer science or related field;
- At least 5 years of relevant practical experience developing client-server and/or web based applications;
- Knowledge and experience working in teams that use Agile frameworks such as Scrum;
- Professional skills in software engineering tools (Visual Studio, Team Foundation Server), web technologies (HTML, CSS), programming languages (C#, JavaScript), frameworks (.NET, Bootstrap, JQuery), and database management systems (MS SQL Server);
- Experience in all aspects of software engineering processes with demonstrated abilities in following formal software methodologies and a disciplined approach to software engineering;
- Fluency in written and spoken English. Knowledge of another official IAEA language (i.e. Arabic, Chinese, French, Russian Spanish) an advantage.

Remuneration:

The IAEA offers an attractive remuneration package including a tax-free annual net base salary starting at **US \$56 198** (subject to mandatory deductions for pension contributions and health insurance), a variable **post adjustment** which currently amounts to **US \$38 720***, dependency benefits, **rental subsidy**, **education grant**, **relocation** and **repatriation expenses**; 6 weeks' annual vacation, **home leave**, **pension plan** and **health insurance**.

Women and candidates from developing countries encouraged to apply.

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