Internship Title

Internship - Software Developer

Target Start of Internship

December 2024

Duration of Internship

12 months

Organizational Setting

Department: Nuclear Energy (NE)

Division: Energy Planning and Nuclear Information and Knowledge (NEPIK)

Unit: Nuclear Support Systems Group (NSSG)

Main Purpose

The main purpose of the internship is to provide supplementary development capabilities for the Nuclear Support Systems Group (NSSG) to implement, upgrade, and maintain the core Nuclear Energy Department databases and web-based applications.

Tasks / Key Results Expected

Under supervision of the NSSG Coordinator, the intern will:

* Contribute to designing, developing, testing and deploying additional features/components to INIS and Library applications.
* Analyse and visualise data, and work on Search Engine Optimization (SEO).
* Develop additional features for NIS collaboration and eLearning platforms based on SharePoint and Moodle.

Knowledge, Skills and Abilities

* Software Development.
* Web Development.
* Web Design is an asset.
* Graphic Design is an asset.

Qualifications and Experience

* University degree in Software Engineering, Management Information Systems (MIS) or a related field.
* Knowledge or experience in one of the following is an asset: Front-end developer with knowledge of HTML, CSS and JavaScript; Familiarity with JavaScript frameworks like React, Angular, or Vue.js; Good knowledge of .NET Framework and C# or VB.NET and/or Python.

Internships

The IAEA accepts a limited number of interns each year. The internships are awarded to persons studying towards a university degree or who have recently received a degree (see Internship web pages for further details).

The purpose of the programme is:

* To provide interns with the opportunity to gain practical work experience in line with their studies or interests, and expose them to the work of the IAEA and the United National as a whole;
* To benefit the IAEA's programmes through the assistance of qualified students specialized in various professional fields.
* The duration of an internship is normally not less than three months and not more than one year.

Applicant Eligibility

* Candidates must be a minimum of 20 years of age and have completed at least three years of full-time studies at a university or equivalent institution towards the completion of a first degree.
* Candidates may apply up to one year after the completion of a bachelor's, master's or doctorate degree.
* Candidates must not have previously participated in the IAEA's internship programme.
* Excellent written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Russian) an asset.
* Candidates must attach two signed letters of recommendation to their application.