**Internship Title**

Internship – Database Development and Maintenance

**Duration of Internship**

12 months

**Organizational Setting**

Department: Nuclear Energy

Division: Nuclear Power

Section: Nuclear Infrastructure Development

Unit: --

**Main Purpose**

The main purpose of the internship is to support Nuclear Infrastructure Development Section (NIDS) in developing and maintaining database software to automate NIDS activities to support countries embarking on nuclear power

**Tasks / Key Results Expected *(tasks should not be staff tasks or ongoing tasks)***

* Design and develop databases to enter, store and retrieve data related to the NIDS activities
* Design and develop software applications in different platforms
* Enter information/data to the databases

**Knowledge, Skills and Abilities**

* Ability to analyze work processes and design software solutions to automate work processes
* Knowledge of information theory and databases
* Ability to design and develop electronic databases
* Ability to design and develop software applications

**Qualifications and Experience**

* Area of studies: Information Technologies
* Experience in developing electronic databases in MS Access
* Experience in developing applications in MS Sharepoint
* Excellent written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Russian, Spanish) an asset.

**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.
* Good written and spoken English essential; fluency in any other IAEA official language (Arabic, Chinese, French, Spanish or Russian) an asset.
* Candidates must attach two signed letters of recommendation to their application.