**UNESCO Sponsored Traineeship Programme**

**Terms of Reference**

**GENERAL INFORMATION**

**Title:** *Traineeship in Technology and AI in Education*

**Duration: 6 months**

**Organizational Unit**: *Section for Technology and AI in Education, Education Sector*

**Location:** *Paris*

**Supervisor (name, title):** *Shafika Isaacs, Chief of the Section for Technology and AI in Education*

**Requesting Unit:** Future of Learning and Innovation (ED/FLI) Division

**DESCRIPTION OF THE TRAINEESHIP**

The Section for Technology and AI in Education at the Education Sector supports countries in navigating the digital transformation of education, including responding to the rise of AI, by offering expert guidance, technical assistance and capacity-building. It works to address the opportunities and challenges of integrating technology into education systems while promoting human-centered, rights-based approaches that empower learners and educators. The section helps governments develop comprehensive digital education policies, foster critical digital literacy, enhance teachers' pedagogical competencies, and create inclusive, culturally appropriate digital content. By leveraging partnerships and global networks, the Section promotes equity, inclusion and ethical leadership in the use of technology and AI in education, ensuring that education systems are prepared to navigate the complexities of the digital era.

The Section is looking for a trainee to support a range of projects undertaken by the Section. Main tasks include:

* Assist in technical research on AI applications in education, including literature reviews, data analysis and prototyping.
* Update and maintain web platforms and applications related to UNESCO’s AI and digital education programmes, including content management and user experience improvements.
* Support the design and implementation of capacity building programmes on AI literacy and use of AI in education.
* Collaborate in the organization of international events, webinars and expert meetings on AI and digital learning, in particular Digital Learning Week.
* Attending meetings hosted by UNESCO’s Education Sector and other sectors to gain a broader understanding of UNESCO’s work and mission.

**REQUIRED QUALIFICATIONS**

**Education:** Artificial Intelligence, Computer Science, Data Science, Educational Technology, Learning Analytics, Cognitive Science, or related technical fields. Degrees in Education, International Development or Social Sciences may also be considered if combined with strong technical expertise in AI or data-driven technologies.

**Experience (if any):**

Experience working with AI tools, machine learning models or digital learning systems is an asset.

Prior experience in international or research-oriented environments is preferred.

**Language skills:** Fluency in English. Working knowledge of French or Spanish is an asset.

**Competencies and skills:**

* Understanding of AI concepts, data ethics and digital learning systems.
* Fast learner and strong problem-solving skills.
* Strong analytical and reasoning skills.
* Strong communication skills (written and oral) in English and able to exchange information on complex issues.
* Good organizational, time management and project implementation skills.
* Ability to work effectively in a team and to maintain good working relations with professionals in a multi-cultural environment.
* Integrity and professional discretion.

**LEARNING OBJECTIVES**

* Develop familiarity with UNESCO’s work and mission, in particular in education, within the wider international education and development community;
* Develop technical and analytical skills in the application of Artificial Intelligence, data science and emerging technologies to education policy, practice and research;
* Develop the ability to analyse and integrate knowledge in a complex environment, formulate judgements and communicate them;
* Strengthen the ability to translate technical insights into policy and capacity-building outputs, supporting Member States in designing effective, ethical digital education strategies;
* Develop interpersonal skills to work effectively in an international environment involving multiples stakeholders and partners.

**ADDITIONAL INFORMATION**

For more information on UNESCO’s work on digital transformation of education, please visit: https://www.unesco.org/en/digital-education