This post is open for Internal and External Applicants

Vacancy Notice No. INT01982

INTERPOL is the world's largest international police organization, with 194 Member Countries. Created in 1923, it facilitates cross-border police co-operation, and supports and assists all organizations, authorities, and services whose mission is to prevent or combat international crime. INTERPOL is now looking for a qualified candidate as Digital Crime Analyst within the Innovation Centre Directorate.

INTERPOL embraces diversity and is committed to achieving diversity and inclusion within its workforce. Applicants from the underrepresented member countries and qualified female candidates are strongly encouraged to apply. INTERPOL is an equal opportunity employer and welcomes the applications of all qualified candidates who are nationals of INTERPOL Member Countries, irrespective of their racial or ethnic origin, opinions or beliefs, gender, sexual orientation, health or disabilities.

Job Title:	**Digital Crime Analyst***
Reporting To:	**Head of Cyberspace and New Technologies Lab**
Location:	**Singapore**
Duration:	**3 years***, Fixed term contract**
Grade:	**5**
Number of post:	**1**
Level of Security screening:	**Basic**

Conditions applying for INTERNAL candidates ONLY

* Candidates holding a fixed-term or an indeterminate contract against a regular budget post – if appointed, the Organization commits to retain the internal applicant's current type of contract during the assignment to the project and to reassign the official to a post consistent with his/her qualifications and experience at the end of such assignment, as validated by the Executive Committee in its 186th Session in the framework of the M2P programme. The assessment of applications will be carried out taking into account primarily the interest of the Organization and the recruitment requirements.

Conditions applying for both INTERNAL AND EXTERNAL CANDIDATES

Only professional experience for which candidates can provide official proof of employment will be considered. Candidates could be requested to provide copies of such official documents prior to interviews/test.

Tests/interviews in connection to this selection procedure will likely take place approximately 2 weeks after the deadline for applications. Applicants are kindly requested to plan their availability during this period accordingly, in case they are short-listed.

Selected candidates will be expected to report for duty approximately one month after receiving an offer of employment at the latest.

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INTERPOL places no restrictions on the eligibility of candidates, without distinction as to race or ethnic origin, religion, opinions, gender, sexual orientation or disabilities. However, the national policy and laws in force in INTERPOL host countries may mean that staff members' spouses or partners, while legally recognized by the Organization, are not given the same recognition when they reside in certain duty stations. When this is the case, the Organization will inform the candidates accordingly to ensure that they are aware of the situation and allow them to make an informed decision.

INTRODUCTION OF POST

The INTERPOL Innovation Centre (IC) aspires to become an entity that all law enforcement agencies around the world will seek to actively engage to complement their respective strategic futures planning and technical innovation. It consists of Strategic and Applied innovation sub Directorates.

In this context the post holder is responsible for assisting the Head of the Cyberspace and New Technologies Lab and the Assistant Director Applied Innovation to promote innovative research and development in the area of cyberspace and new technologies; leveraging research and development undertaken by the Organization and its partners, in line with the organizational strategic direction and priorities.

The post holder will be, under the supervision of his Head of Unit, working on specialized and ad hoc research, working group/conferences, and any other activity in a flexible project team approach researching, benchmarking, developing and implementing dynamic and innovative solutions to policing issues.

The post holder will be actively involved in researching, analyzing and evaluating information about emerging crimes (including cybercrime), trends, modus operandi, techniques and technologies (including but not limited to anonymization overlay networks, distributed ledgers, encryption, cryptocurrencies, artificial intelligence, etc.). He/she will then help develop or benchmark new and unique tools that law enforcement can deploy to combat them.

The post holder will be a point of contact for the Organization in the field of technology, cyber-research and tool development.
He/she is expected to provide advice to his/her Head of Unit and his/her hierarchy regarding the developments in the above areas, including preparing written analytical studies, status reports, oral presentations and research papers.

The objective is to provide INTERPOL and its Member Countries with the ability to make informed decisions to equip themselves with the technologies of the future and move on to new challenges as they emerge.

PRIMARY DUTIES

The post holder is responsible, under the supervision of the Head of Unit, for performing the following duties, pertaining to the relevant areas and/or the mandate of the Sub-Directorate:

1 DUTY 1: RESEARCH ON CYBERSPACE AND NEW TECHNOLOGIES

- In compliance with the Organization's priorities, management decisions and relevant policies/rules, perform all daily and ad-hoc tasks pertaining to the Cyberspace and New Technologies Lab.
- Develop and maintain a comprehensive understanding of the cyberspace and new technologies sphere, be it through robust research work or close engagement with relevant stakeholders both within and outside the global policing community, including and not limited to the academic community, the private industry and entities such as the Computer Emergency Response Teams.

- Participate as a part of a group of experts in applied analysis of emerging crime trends and threats to digital security, through various processes including statistics, artificial intelligence and database management; employing appropriate scientific methodologies, such as horizon scanning and risk assessment programs.

2   DUTY 2: TOOLS DEVELOPMENT

- Work on the development of innovative methodologies for research and tools development drawing on open source information, partnership contributions and in close cooperation with the Digital Forensics Lab and the Cybercrime Directorate.
- Facilitate efforts by the global law enforcement community to leverage on new technologies through applied innovation to mitigate emerging policing concerns; creating an environment to fine-tune potential solutions through brokering pilot trials and testbeds (up-to TRL 5 or 6).
- Participate in the technical development of new and unique tools that law enforcement can deploy to combat the criminal use of cyberspace and new technologies.

3   DUTY 3: DISSEMINATION AND BENCHMARKING

- Maintain a repository of experts in the priority fields of the CNTL as they evolve; currently focusing on Darknet, Crypto Currencies, Artificial Intelligence, IoTs and Robotics.
- Foster the efforts of experts groups in the production of benchmarking protocols and results of benchmarks, production of white papers and scientific papers.
- Help disseminate and maintain current a pool of white papers and research documents for the benefit of our Member Countries.

As well as the duties outlined above, the post holder can expect to be asked by his hierarchy to perform any task related to the relevant area, or the Sub-Directorate's mandate, in order to ensure the Organization can continuously provide efficient support to its Member States' Law enforcement agencies. He/she accompanies or represents their hierarchy on missions, at meetings and within working groups.

REQUIREMENTS

Please only include professional experience for which you can provide official proof of employment (i.e. pay-slip indicating your functional title, work certificates, etc.). You could be asked to provide copies of such documents prior to interviews/tests. Any discrepancies found between the information stated in any of your application documents and the evidence of employment provided, will be considered misrepresentation and may lead to your disqualification from this selection procedure. This is especially important for your current and previous functional titles (they need to be exactly the same as the one in your contractual agreement), exact dates of employment, description of responsibilities and achievements, reason(s) for leaving and part-time work.

All candidates will be assessed on the under mentioned requirements.

2.1   Training/Education required
- Three-to-four years University education (Masters or Doctorate would be an additional asset).

2.2   Experience required
- Minimum of 3 years work experience in working on Blockchain technologies or Darkweb investigation or big data|criminal|predictive analysis aided by artificial intelligence. Experience working in a law enforcement organization is highly desirable.
- Good understanding of the various techniques and frameworks in existence for the development of software tools and large systems (up-to TRL5 or 6).

- Expertise in the area of cyber threats, Darknet, cryptocurrencies or distributed ledgers technologies, anonymization techniques and technologies is highly desirable.
- Understanding of Neural Networks technologies and Machine Learning methodologies is desirable
- In-depth knowledge of at least one programming language would be desirable.
- Extensive knowledge of current computer, communications and digital technologies.
- Experience in the design and management of databases and information sharing platforms.
- Experience in drafting research papers (published academic papers would be an additional asset).
- Background in telecommunications and IT systems is desirable.
- Very good command of Windows and Linux operating systems.
- Experience in working or studying in an international environment would be desirable.

2.3   Languages
- Fluency in English is required (both in written and oral form). Working knowledge in Spanish, French or Arabic would be an additional asset.

2.4   Specific abilities required
- Ability to work in a multicultural and diverse environment.
- Strong communication skills, both in written and oral form.
- Capacity to work as a team member.
- Sense of initiative.
- Attention to details.
- Ability to work persistently and under pressure.
- Ability to use innovative thinking to develop unique solutions.
- Ability to develop and maintain professional networks.
- Ability to synthesize.
- Good listening skills.

In addition to the requirements, the following Assets and Special Aptitudes would be beneficial.

3   WORKING CONDITIONS
- Remuneration for appointment on contract: The starting salary for GRADE 5 is EUR 3638 per month for a step 1. The starting point is step 1 and for every 3 years of fully relevant experience one additional step will be granted.
- The successful candidate may be offered appointment on a higher step depending upon professional background and experience. For more information regarding conditions of service see Employment conditions for contracted officials available on the Organization's career website (https://www.interpol.int/Recruitment.).
- The incumbent may occasionally be required to work occasional overtime based upon workload and to go on missions.

In compliance with INTERPOL's Confidentiality regime the successful candidate will have to undergo a security screening according to the clearance level attached to the function.

INTERPOL has four official languages: English, French, Spanish and Arabic.

INTERPOL retains the right not to make any appointment to this vacancy, to make an appointment at a lower or upper grade or to make an appointment with a modified job description or for a shorter or longer duration than indicated above.

INTERPOL would like to inform candidates that their application may be considered for other similar positions.

INTERPOL operates a non-smoking policy.