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Senior Natural Language Processing Developer

Intellectual Property Office

Apply before 11:55 pm on Sunday 2nd March 2025



Reference number

391244

Salary

£64,079 - £75,701

Maximum salary amount includes Recruitment Retention Allowance and Technical Allowances of up to £8,420. **Final salary package will be dependent on skills and experience.**

A Civil Service Pension with an employer contribution of 28.97%

Job grade

Grade 7
C2

Contract type

Permanent

Business area

IPO - Digital, Data and Technology Directorate

Type of role

Digital
Information Technology

Working pattern

Flexible working, Full-time, Part-time

Number of jobs available

1

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Location

Newport

About the job

Job summary

Please note: Applicants should review all aspects of this advert to ensure a thorough understanding. If reviewing via a screen reader, please note that the Job Description, Benefits and How to Apply sections have been emphasised

Job description

Overview of the Senior Natural Language Processing Developer role

About this Role

The IPO is a modern organisation which depends on its IT services to operate and innovate effectively. In order to provide up to date services to our customers both nationally and internationally, systems need to be developed, improved and maintained. You will have the opportunity to work on the latest cutting edge cloud technologies, use modern delivery processes and work on innovative projects. Working alongside experts in their fields you will have the opportunity to make valuable contributions without compromising on quality.

You will need the appetite to learn new technologies and methodologies for delivering high quality IT services. In this role you will work within a multi- disciplinary squad using several technologies to build enterprise grade services. You will be expected to be

proactive and take accountability for assigned deliverables. The role will also require the investigation, diagnosis and fix of any system issues. A Senior Developer is expected to contribute to the technical strategy for the department.

As a multi-skilled individual, you will have the opportunities to develop and mature skills in a core role but extend this to skills typically aligned to other role types. You will have a high level of input in defining which additional skills you can develop.

Person Specification

Has been a key player in delivering technical solutions as part of large projects

Experienced with modern delivery models such as Scrum and other Agile

Experience or desire to learn about statistical modelling methods, including machine learning and AI techniques

Good understanding and knowledge of databases

Technical Skills

Experience with Python

Experience of modern deep learning frameworks

Understands and implements data engineering principles

Awareness of security implication of LLM systems.

Experience of using cloud hosted development environments such as Azure Machine Learning Studio.

Experience with Git

Able to deliver models from concept to production and conduct continuous improvements

Working Style

This role will be carried out in-line with IPO Hybrid working arrangements where staff are currently expected to spend at least 20% of their time working onsite from one of our offices. This role is based in our **Newport Office**.

The requirement for attendance at an office location can vary by role so we would encourage candidates to discuss working arrangements with the recruiting manager to agree a reasonable balance between working from home and the office.

Benefits

Unlimited Pluralsight video learning access

Access to Microsoft's ESI training suite

Hybrid working with no core hours

Substantial support for career progression

25 days annual leave moving to 30 days in annual increments

You will also get 8 days public leave and 1 day privilege leave

How to apply

Click the '**Apply now**' button and complete the application form by uploading an anonymised copy of your current CV.

Your CV will be used to assess your suitability for the role therefore please ensure that you evidence the essential requirements listed in the person specification above.

For further information on the sift and interview stages of this recruitment campaign, please head to our 'Things you need to know' section below.

Please note after the sift stage, candidates may be placed on hold due to a high volume of applications.

For further information around the Civil Service recruitment process, please visit our civil service careers page - [IPO Recruitment Support](#) , Civil Service Careers (civil-service-careers.gov.uk)

Person specification

For a thorough understanding of the role and general day to day duties, please refer to the attached Role Profile.

Alternatively, If you require job-specific information, please contact Dominic Read.

E-mail: dominic.read@ipo.gov.uk

Telephone: 01633 433189

Additional Information

Although the role is titled Senior Natural Language Processing Developer. The candidate's skills are expected to adapt within a fast moving industry and should be aware of incoming trends.

Behaviours

We'll assess you against these behaviours during the selection process:

Developing Self and Others

Delivering at Pace

Working Together

Technical skills

We'll assess you against these technical skills during the selection process:

Please refer to the attached role profile.

Benefits

Alongside your salary of £64,079, Intellectual Property Office contributes £18,563 towards you being a member of the Civil Service Defined Benefit Pension scheme. Find out what benefits a Civil Service Pension provides.

For more information about what is on offer at the Intellectual Property Office please review our IPO benefit pack attached to the bottom of this advert.

Please note that benefits may be subject to change.

Things you need to know

Selection process details

This vacancy is using [Success Profiles \(opens in a new window\)](#), and will assess your Behaviours, Experience and Technical skills.

Additional details on security and vetting

Successful candidates must pass a **disclosure and barring security check** and if successful you must also hold, or be willing to obtain, a **higher Security Clearance**.

For meaningful checks to be carried out individuals will need to have lived in the UK for a sufficient period of time, depending on the level of clearance, to enable appropriate checks to be carried out and produce a result which provides the required level of assurance. For this role the successful individual will need to have **consistently lived in the UK for a minimum 5 years** in order to meet the relevant security clearance.

Further information on the vetting process can be found at United Kingdom Security Vetting - GOV.UK (www.gov.uk)

If you have questions regarding this or are unsure if you meet the eligibility criteria, please contact Recruitment@ipo.gov.uk

How to apply

Candidates to note:

All communications will be electronic therefore it is vitally important that you check your Civil Service Jobs account regularly, as well as your spam/junk email folder

When making an initial application for this role please ensure that you refer to and have read the attached role profile.

Sift

An initial sift of applications will be carried out to create a shortlist.

This will be based on the evidence provided for the following Success Profile elements:

Experience

Please upload an anonymised copy of your current CV. Your CV will be used to assess your suitability for the role therefore please ensure that it demonstrates your technical skills and experience against the essential requirements detailed in the role profile document.

Please note: candidates will be required to complete a technical test if they pass the sift stage.

Interviews

If invited to interview Behaviour and Technical based questioning will be used.

Specific information regarding the Success Profile elements that will be assessed at interview will be contained within the interview invitation.

Interviews for this role will be carried out virtually via Microsoft Teams (video).

IMPORTANT: CVs sent direct to the IPO will not be accepted.

Please note:

There may be important information contained within the job role profile candidates may also wish to refer to. We recommend candidates download and save a copy of the role profile for reference.

Applicants to note:

This post is being advertised to **Internal, across Government and external candidates** at the same time.

Incomplete and/or late submissions will not be accepted or considered.

Should you have any queries or require any assistance in this matter, please contact the IPO Recruitment team at Recruitment@ipo.gov.uk prior to the closing of the post.

In line with Government guidance, successfully appointed candidates will need to provide documents for our Right to Work checks. Information on this will be sent within the invite to interview text.

If you require an adjustment at any stage of the recruitment process, then please let the recruitment team know via; recruitment@ipo.gov.uk

For more information on the IPO s terms and conditions, please review the attached IPO Modernised Terms and Conditions document attached at the bottom of this advert.

Feedback will only be provided if you attend an interview or assessment.

Security

Successful candidates must undergo a criminal record check.

Successful candidates must meet the security requirements before they can be appointed. The level of security needed is [security check \(opens in a new window\)](#).

[See our vetting charter \(opens in a new window\)](#).

People working with government assets must complete [baseline personnel security standard \(opens in new window\)](#) checks.

Nationality requirements

This job is broadly open to the following groups:

UK nationals

nationals of the Republic of Ireland

nationals of Commonwealth countries who have the right to work in the UK

nationals of the EU, Switzerland, Norway, Iceland or Liechtenstein and family members of those nationalities with settled or pre-settled status under the [European Union Settlement Scheme \(EUSS\) \(opens in a new window\)](#)

nationals of the EU, Switzerland, Norway, Iceland or Liechtenstein and family members of those nationalities who have made a valid application for settled or pre-settled status under the European Union Settlement Scheme (EUSS)

individuals with limited leave to remain or indefinite leave to remain who were eligible to apply for EUSS on or before 31 December 2020

Turkish nationals, and certain family members of Turkish nationals, who have accrued the right to work in the Civil Service

[Further information on nationality requirements \(opens in a new window\)](#)

Working for the Civil Service

The [Civil Service Code \(opens in a new window\)](#) sets out the standards of behaviour expected of civil servants.

We recruit by merit on the basis of fair and open competition, as outlined in

the Civil Service Commission's [recruitment principles \(opens in a new window\)](#).

The Civil Service embraces diversity and promotes equal opportunities. As such, we run a Disability Confident Scheme (DCS) for candidates with disabilities who meet the minimum selection criteria.

The Civil Service also offers a Redeployment Interview Scheme to civil servants who are at risk of redundancy, and who meet the minimum requirements for the advertised vacancy.

Diversity and Inclusion

The Civil Service is committed to attract, retain and invest in talent wherever it is found. To learn more please see the [Civil Service People Plan \(opens in a new window\)](#) and the [Civil Service Diversity and Inclusion Strategy \(opens in a new window\)](#).

Apply and further information

This vacancy is part of the [Great Place to Work for Veterans \(opens in a new window\)](#) initiative.

Once this job has closed, the job advert will no longer be available. You may want to save a copy for your records.

Contact point for applicants

Job contact :

Name : IPO Recruitment Team

Email : Recruitment@ipo.gov.uk

Recruitment team

Email : Recruitment@ipo.gov.uk

Further information

Commissioners statement

The Civil Service recruits by merit on the basis of fair and open competition as outlined in the Civil Service Commission's Recruitment Principles.

Complaints Procedure:

If you feel your application has not been treated in accordance with the Recruitment Principles and you wish to make a complaint, please contact;

Penny Phillpotts

Intellectual Property Office,

Concept House,

Cardiff Road,

Newport,

NP10 8QQ.

If you are not satisfied with the response you receive from the Department, you can contact the Civil Service Commission at: <http://civilservicecommission.independent.gov.uk/civil-service-recruitment/complaints/>

