

Job description and selection criteria

Job title	IT Junior Developer
Department	Instruct-ERIC
Location	Oxford House, Parkway Court, John Smith Drive, Oxford, OX4 2JY
Grade and salary	Grade 6 point 1: £30K p.a.
Benefits	18% Employer pension contribution, 30 days paid holiday entitlement plus UK bank holidays, Hybrid working opportunities
Hours	Full time
Contract type	1 years fixed-term contract in the first instance
Reporting to	Marcus Povey

Introduction

Instruct-ERIC

Instruct-ERIC is a pan-European distributed research infrastructure making high-end technologies and methods in structural biology available to users.

Our aim is to promote innovation in biomedical science and operates on a non-economic basis within the scope of the ERIC Regulation.

Instruct-ERIC is comprised of 17 Member States: Belgium, Czech Republic, EMBL, Finland, France, Germany, Greece, Israel, Italy, Latvia, Lithuania, Netherlands, Portugal, Slovakia, Slovenia, Spain and United Kingdom.

Instruct-ERIC provides open access to cutting edge structural biology, specifically supporting research that uses integrated approaches and technologies. It operates with the following principles: a) scientific excellence is our priority in the services we provide and the research we support; b) transparency, equality and legality is the cornerstone of our operational model.

For a more detailed account, the [Instruct-ERIC statutes](#) may be consulted.

Job description

Overview of the role

We are looking for a junior software developer to join our Instruct development team. You would gain first-hand experience in developing software for a dynamic and forefront infrastructure with high international reach. Our software, ARIA, is in use across Europe by a number of facilities and organisations to provide high-level support to their access users. You would join the Instruct Operations team which is an interdisciplinary group of scientists that coordinate and administer the provision of research infrastructure services to a largely European structural biology community.

You will be delivering ARIA platform software as a part of the existing development team. You will be responsible for testing of all of the development work undertaken by the team as well as writing efficient unit tests to expedite code review. Your specific responsibilities would include: providing hands-on support to remote users accessing Instruct services through its web-based portal. You will have key responsibility for maintenance, updating and further development of our websites and ARIA platforms and liaising directly with our collaborative developers across Europe.

You must have some experience in developing in multiple languages, specifically PHP, HTML & CSS with a desire to learn and develop a career within IT. You also must have good professional communication skills. You will hold an honours degree in computing science or related field or have equivalent experience.

This is a full-time appointment, fixed term for 3 years in the first instance and based at the Instruct-ERIC Hub in Oxford, UK. You will be required to upload a CV and supporting statement as part of your online application. The post will remain open until it has been filled.

Key Relationships

You will work with a diverse group of people and you will have regular personal contact with the:

- Instruct Director
- Instruct Hub Coordination Team
- Project Managers
- Technical and financial staff

You will also have broad contact with third parties across Europe and internationally through email, telephone and tele/videoconference.

Responsibilities/duties

- Full testing of each of the releases of ARIA;
- Triage of technical issues (on a ticket-based system) raised by users and implementing solutions;
- Creation and maintenance of effective unit testing working alongside other developers to produce high quality code;
- Development of smaller projects and areas of the ARIA management cloud;
- Regular maintenance, updating and incremental development of several Instructrelated websites;

- Supporting the development team with everyday tasks;
- Monitoring and quantifying system usage for all services hosted within Instruct.

Selection Criteria

Essential Skills

- Experience developing in multiple languages specifically PHP, HTML, CSS;
- Experience with modern version control tools, specifically Git
- Familiarity with ticket-based request/defect tracking systems (e.g. JIRA);
- Understanding of unit testing frameworks and code review software;
- A strong desire to learn and further career development within IT;
- Good knowledge of modern IT systems and project methodologies, practises and approaches;
- Good professional communication skills particularly dealing with users/customers;
- The ability to prioritise work and work to deadlines;
- A degree or equivalent experience in computer science or related field;
- Demonstrated ability to work within a team.

Desirable

- Basic understanding of cloud platforms;
- Knowledge and experience of SQL;
- Experience with React and / or NodeJS
- Some command line Linux experience;

What we offer

You will join a highly collaborative, diverse and international team based in our Oxford hub offices.

Benefits include a generous 30-day annual leave entitlement plus UK bank holidays, opportunities for hybrid working, travel within Europe, and an outstanding pension scheme.

Pre-employment screening

Please note that the appointment of the successful candidate will be subject to standard preemployment screening, as applicable to the post. This will include right-to-work, proof of identity and references. You will be required to relocate if you are based overseas.