



ESO

European Organization
for Astronomical
Research in the
Southern Hemisphere



The European Organisation for Astronomical Research in the Southern Hemisphere (ESO) is the foremost intergovernmental astronomy organisation in Europe and the world's most productive ground-based astronomical observatory. ESO carries out an ambitious programme focused on the design, construction and operation of powerful ground-based observing facilities enabling astronomers to make important scientific discoveries.

ESO operates three unique world-class observing sites in northern Chile: La Silla, Paranal and Chajnantor (home to ALMA and APEX), and the ESO Headquarters are located in Garching, near Munich, Germany.

At Paranal, ESO operates the Very Large Telescope, the world's most advanced visible-light astronomical observatory, and will host and operate the southern array of the Cherenkov Telescope Array, the world's largest and most sensitive high energy gamma-ray observatory. ESO is a major partner in ALMA, the largest astronomical project in existence. And on Cerro Armazones, ESO is building the 39-metre Extremely Large Telescope (ELT), which will become "the world's biggest eye on the sky" and whose operations will be fully integrated into the Paranal Observatory.

For its Information and Knowledge Management (IKM) Program, within the Directorate of La Silla Paranal Observatory, ESO is advertising the position of

Web application developer

Main Duties and Responsibilities:

- Develop tools and applications related to effective information search across various databases, information storing, interaction among different platforms and information handling in general.
- Be responsible for one or more projects of the IKM program

Reports to: the IKM Program Manager.

Key Competences and Experience:

The ideal candidate has just graduated from an Information Technology / Software or a software/computer engineering career and is interested in the technical aspects of information management (e.g. databases, APIs, web development, etc.). Alternatively, a young professional from the information/documentation management field with a very strong background in computing and IT and/or experience in a DevOps position.

We are also open to hire an enrolled student close to finishing a degree but willing to work for one year before graduating.



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Key Competences:

- Required experience:
 - Web technologies (HTML, PHP, AJAX, Javascript)
 - Programming languages (Python, C++) and usage of APIs (e.g. JSON, REST principles)
 - Databases (SQL, noSQL)
 - Indexing/Search engines (Elastic)
 - System design (experience designing a multi node scalable system)
- Knowledge on any of the following will be desirable:
 - Microsoft developer technologies (Graph API, Teams apps)
 - User experience and interface design
 - UML
 - Automation technology (e.g. Selenium)
 - Identity and access management
- Autonomy and self-propelled attitude

Qualifications:

University degree in Information Technology (IT), software, or computer engineering or in information/documentation management.

Language Skills:

The position requires excellent oral and written communication skills in English, and/or Spanish, both highly desirable.

Remuneration and Contract:

We offer an attractive remuneration package including a competitive salary, educational and other social benefits, as well as financial help in relocating your family (if needed).

The initial contract is for a fixed term duration of one year with the possibility of a fixed-term extension subject to individual performance and organisational requirements and as defined in the applicable policies and staff rules and regulations. For any further information, please visit <https://www.eso.org/public/jobs/conditions/paidassoc/>

Duty Station:

Paranal Observatory located 120 km south of the city of Antofagasta, Chile. The working schedule will be 8 days on duty and 6 days off duty (8x6) with accommodation provided on site while on duty. Mixed shift between Paranal and Santiago is also possible.

Career Path: IV

Starting date: February 2020



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Application:

If you are interested in working in areas of frontline technology and in a stimulating international environment, please visit (<http://www.eso.org>) for further details.

Applicants are invited to apply online via our recruitment portal <http://recruitment.eso.org/>. Applications must be completed in English and should include a motivation letter and your CV.

Closing date for applications is 30 December 2019

Interviews are expected to start soon after this date.

No nationality is in principle excluded, however, recruitment preference will be given to nationals of Australia, Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Ireland, Italy, the Netherlands, Poland, Portugal, Spain, Sweden, Switzerland and the United Kingdom irrespective of gender, age, disability, sexual orientation, race or religion.