



The Max Planck Institute for Demographic Research (MPIDR) is recruiting a

Software Developer

to join the Laboratory of Digital and Computational Demography.

MPIDR is one of the leading demographic centers in the world. It is part of the Max Planck Society, a network of over 80 institutes that form Germany's premier basic-research organization. Max Planck Institutes have an established record of world-class, foundational research in the sciences, technology, and the humanities, and offer a unique environment that combines the best aspects of an academic setting and a research laboratory.

The Profile

The Laboratory of Digital and Computational Demography, headed by MPIDR Director Emilio Zagheni, is looking for candidates with a background in Software Development/Software Engineering, who will support scientific projects at MPIDR and collaborate closely with researchers on their implementation.

Candidates are expected to have a solid knowledge of, and relevant experience with, at least some of the following: (i) low/mid-level programming languages (e.g., C, C++, C#, Java), (ii) high-level languages commonly used in the scientific community (e.g., Python and R) and related statistical/data science libraries, (iii) Web Development (Front-end and Back-end, APIs e.g. Facebook Marketing API), (iv) Mobile Application Development (Android, IOS), (v) Data Management (SQL) and High Performance Computing.

A PhD in Computer Science, Informatics or a related discipline (or equivalent level of experience) is desirable. The successful candidate will work with an international team of scientists that are advancing the field of digital and computational demography. Her/his profile should include: (i) excellent communication skills, including high proficiency in written and spoken English; (ii) the ability to work in teams and to support the full life cycle of scientific projects from a software development perspective; (iii) an interest in deepening and expanding relevant knowledge and skills, and in coauthoring research articles or reports.

The Position and Remuneration

The position is full time (39 hours/week), to start as soon as possible. The contract is initially limited to 2 years, with the possibility of tenure. The MPIDR offers a competitive salary that starts at approx. 54,000 EUR gross per year depending on relevant experience (pay scale 14 TVöD Bund). Remuneration is based on the salary structure of the German public sector and includes employees' benefits in accordance with the rules of federal employees in Germany.

The Institute has an excellent work environment and offers family-friendly work arrangements (flexible working hours, teleworking, and guaranteed places in day-care centers for children), occupational health promotion, and opportunities for continuous further training.

Our institute values diversity and is committed to employing individuals from minorities. Individuals with severe disability are especially welcome to apply. Our Institute and the Max Planck Society also seek to increase the proportion of women in areas where they are underrepresented and therefore explicitly encourage women to apply.

Application Materials

Applications should be in English and include, in a single pdf document: (i) CV, (ii) a letter of motivation where you describe your relevant experience in the areas mentioned and why you are interested in joining MPIDR; (iii) contact details of two references. Please provide copies of certificates of education, other relevant certificates, and, if applicable, performance records.

Review of applications will begin on March 14. Applications will be accepted on a rolling basis until the position is filled, but preference will be given to those received by March 14. Please send your informative application using the following website link www.demogr.mpg.de/go/JobAd881283.

For questions on the position, please contact Ms. Ulrike Liebich (sekzagheni@demogr.mpg.de).

For information about the Institute, please use the following website link: www.demogr.mpg.de.

