

The IEA (International Association of Educational Achievement) is an independent, nonprofit research organization. We conduct international and national large-scale comparative studies of educational achievement and other aspects of education, with the aim of gaining in-depth understanding of the effects of policies and practices within and across systems of education. At the IEA Hamburg, over one hundred specialists are involved in managing the different tasks of a study ranging from sampling to data analysis. Our experts also provide a wide array of services related to international and national surveys and assessments.

We have an opening for a full-time (40 hrs/week)

Software Developer (C#, AngularJS, Angular, ASP.NET) (f/m)

to support our Software Unit

Location: Hamburg

The Software Unit provides professional software applications and solutions to support all fields of activity of the IEA and thus assists all IEA studies undertaken in Germany and worldwide. The applications and solutions cover phases of study implementation such as study preparation, sampling, codebook design, item design and translation, data collection and coding, data cleaning and processing, data analysis, and data export.

Your tasks:

- Analysis and review of requirements
- Estimation of development tasks
- Design and development of web-based educational assessment systems
- Secure high software quality (e.g., through code reviews)

Your profile:

- University degree or successfully completed vocational training as a software specialist in IT, computer science, or a related subject
- At least 2 years of working experience in a web development area
- Experience with Microsoft software development technologies and tools (e.g., .NET Framework 4.5, Visual Studio 2017, IIS)
- Excellent programming abilities in C#, ASP.NET Web API, Entity Framework
- Very good knowledge in TypeScript, JavaScript, CSS 3, HTML5
- Good knowledge of AngularJS and Angular 2+
- Good understanding of object-oriented software development and design
- Good knowledge of database technologies (SQL, T-SQL, Stored Procedures, database design), preferably in MS SQL Server 2016
- Analytical and innovative way of thinking
- Good communication skills and the ability to work both independently and as a team player

This challenging position provides you with the possibility to gain competences in the interesting and expanding working field of educational research in which continuous improvement and personal development are stimulated. The contract will be limited for an initial period of two years, but we are interested in a long-term working relationship.

Are you interested in this engaging and responsible position in an international environment? Please submit your full application including CV, relevant references and certificates, salary expectations, and availability. We welcome applications via email at: bewerbung@iea-hamburg.de, subject: Software Developer (0363). For further information please contact: