Project Study / IDP

Development of a novel information management application for universities

**Background**

EdTech is a novel field, growing at an accelerating rate of 16% YoY as of now. While many startups concentrate on improving the learning process itself, there are plenty of exciting applications based on analytics of scientific output (bibliometrics).

*Scilytics* is a TUM startup that provides cutting edge analytics of bibliometric data for universities struggling to systematically collect and analyze scientific output. For a modern university, this is a key competence, which allows it to measure its academic impact and identify weaknesses and potentials of its academic profile. The aim is to make the vast metadata on academic publications accessible to universities and generate value by automatically analyzing it.

**Project Outline**

Our solution is currently in the working prototype phase. We are continuously developing new features and incorporating customers’ feedback. Our aim is to create a fully functioning cloud-based SaaS product. Your tasks within our project are:

- Research on similar solutions available on other fields or industries
- Support us on the development of new features
- Come up with new creative ideas on how to represent and leverage publication metadata

**Your Qualifications**

- Profound knowledge of TypeScript/JavaScript
- Ideally, some experience with any of the following: React, Node.js, GraphQL and PostgreSQL.

The research work can be carried out completely remotely. We will organize regular online meetings to facilitate communication and supervision. Scilytics has the possibility to offer a renumeration based on a "Minijob".

Qualified applicants are invited to send their electronic application to info@scilytics.de

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[Technische Universität München School of Management]

[Scilytics]