UNIVERSITÄT BIELEFELD

Fakultät für
Wirtschaftswissenschaften

Decision and Operation Technologies
Prof. Dr. Kevin Tierney

Attention student programmers!

We are looking for two programmers to help us develop a **web-based learning system** as part of a three-person team. Our project, "O RLY: Operations Research Learning for You" is developing an **open source**, **open educational resource** to help students learn about the field of operations research. The system will be written in Python 3 and the project will follow the principles of agile project management. Note: German language knowledge is not required, and remote work is completely fine!

Hours / dates: 9 hours per week starting on 01.04.2022 30.09.2022, with the possibility of a 6 month extension.

Tasks:

- Development of an open source web-based exercise platform on the topic of operation research (No prior experience in operations research required)
- Implementation of learning exercises in the platform
- Integration of external optimization tools

Requirements:

- Bachelor student for SHK; Master student for WHF
- Programming experience in Python 3.x
- Familiar with Masonite, Django, other web-based dev frameworks
- Highly self-motivated and team-oriented
- Good communication abilities

Optional:

- Familiar with agile development
- Experience with methods of operations research

How to apply

Send your application documents (cover letter, CV, transcript) to dot@uni-bielefeld.de with the subject "ORLY Application" by **18.02.2022**.

Questions? Email kevin.tierney@uni-bielefeld.de with the subject "O RLY? YA, RLY!"