The Department of Business Decisions and Analytics (working group Ass.-Prof. Dr. Tilk) at the University of Vienna is offering the position of a

Research Assistant (Praedoc level, 75%)

in the FWF-funded project *Maschinelles Lernen in BPC für Tourenplanungsprobleme*. The position is offered for 2 years with 30 weekly working hours. This includes the offer to conduct a dissertation in this research field. Salary scheme according to the Collective Bargaining Agreement for University Staff (Group B1, 75%).

Job Description:
The project investigates the integration of Machine Learning into Operations Research methods to solve combinatorial optimization problems. The focus of the project is on the exact solution of vehicle routing problems. The developed methods are implemented (i.e., coded) for specific applications and their benefit is evaluated in computational studies.

We offer:

- Collaboration in a fascinating FWF-funded project.
- The possibility of attending (inter)national scientific workshops and conferences.
- An open working atmosphere with well-equipped workplaces.

Your Profile:

- Master's degree (or equivalent) in management, economics, mathematics, computer science, or industrial engineering.
- Strong knowledge in Operations research.
- Experience in the application of Machine Learning methods.
- Thesis written in Operations Research, Machine Learning, or in a closely related field.
- Experience in development and implementation of decision support tools, in particular the implementation of Operations Research methods (e.g., in C, C++ or Java) and/or the usage of Machine Learning tools.
- Proficiency in written and spoken English.
- The ability to explain complex facts in an understandable way and to work independently as well as in a team.

To apply, please email your application including cover letter, curriculum vitae, degree and job certificates, and an electronic copy of your master thesis to

Christian.tilk@univie.ac.at