Shaping the Future of Sustainable Technologies
The Large Engines Competence Center (LEC) is one of the world’s leading research institutions in the field of sustainable transportation and energy systems and offers excellent career prospects in a scientific environment of the highest quality. Cooperation with world-leading industrial partners and renowned research institutions facilitates top-level application-oriented research that aims to preserve the environment for future generations.

Job description
For our research area “Digital Engine”, we are looking for an innovative personality from the field of “Data Science” who is willing to take on challenging tasks around the topic “Digital Engine”. In an interdisciplinary team of scientists, you will work on various projects to develop solutions for the generation and analysis of large amounts of data and for data-based model development. As a specialist in your field of expertise, you will advise and support our other research areas beyond the research field of Digital Engine and accompany the company in the strategic development of the field of “Data Science”.

Major responsibilities
• Development of project-specific methods:
  ....for the consolidation of large amounts of data (data pooling)
  ....on data use (data mining, knowledge discovery from data)
  ....to create predictive, data-driven models
• Application of machine learning methods
• Application of the developed solutions and methods
• Processing of time series data as well as image data
• Development and implementation of new approaches/ideas
• Participation in the establishment of the "Data Science" department at the LEC

Your profile
• Completed studies in computer science, software engineering, mathematics or comparable with focus on data science
• Experience in machine learning and Big Data
• Distinctive programming knowledge (e.g.: Python, C/C++)
• Interest in learning new software skills
• Good statistical-mathematical knowledge is an advantage
• Experience with digital image processing and interpretation is an advantage
• Good analytical skills combined with problem-solving orientation
• Independent working style and interest in scientific work
• Enjoy interdisciplinary cooperation in an international team
• Very good knowledge of German and/or English

Our offer:
• Excellent professional and personal development opportunities
• Diversified activity with creative challenge
• Availability of state-of-the-art research infrastructure
• Independent work in an excellent team
• Good location in the urban area of Graz, excellent connection to public transport, canteen
• Full-time employment with flextime model
• Immediate start is possible
• The gross salary for this position is at least € 3,472 per month (14 times per year). We are willing to reward your experience and qualifications with a corresponding overpayment.

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Become part of our successful LEC team! We look forward to your application.

www.LEC.at