

Dr. Pavle Matijevic Technologie und Forschungszentrum GmbH

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Company: SPE Student Chapter Leoben
Verein der Erdölstudenten
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Rec. No: ADM-LEX-PMT-19-081
Date: 19th March, 2019

Subject: Advertisement on SPE Student Chapter Leoben Bill Board for Internship

PM Lucas Enterprises is a multidisciplinary group of engineering and service companies that offers products and services to the Oil, Gas, Water, Civil Construction, Facilities and related industries in different locations worldwide. For our technology centers in Vienna and Leoben, where we develop and maintain our own proprietary software solutions for making the Digital Oil Field (DOF) happen, we currently have an excellent opportunity for Master Students to join us as

Digital Oil Field Intern – Easter Break

Responsibilities:

Candidate's key responsibility will be to learn, listen and work closely with existing engineers across multiple disciplines and assist in model building, performing simulations on both subsurface and surface models, workflow development, result analysis and reporting.

- Work closely with senior developers who will provide guidance on a daily basis.
- Become familiar with our proprietary procedures, technology and tools.
- Actively participate in building reservoir and process engineering models.
- Perform simulation runs on full scale models.
- Analyze the results and benchmark to industry standard solutions.
- Report problems and discrepancies.
- Assist in identifying roots and causes of observed issues.
- Perform and further refine existing testing procedures.

Requirements:

- High interest to learn and fit into a team of international domain experts.
- Ability to think outside the box by combining knowledge of different areas.
- Bachelor's degree in Petroleum Engineering.
- Elective Subject either "Reservoir Engineering" or "Petroleum Production Engineering"
- Preferred but not mandatory: passed courses in "Reservoir Characterization and Modelling", "Reservoir Simulation Methods I", "Artificial Lift Systems", "Pipeline Engineering".
- Languages: English (mandatory), German is desirable.
- Proficient (mandatory) with MS Office applications (Word, Excel, PowerPoint)
- Beneficial will be fundamental skills in using Schlumberger's Petrel / ECLIPSE and AspenTech HYSYS, Siemens XHQ, understanding of data bases and SQL programming
- Knowledge (mandatory) of using Microsoft Windows 7/10
- Programming skills are welcome (Visual Basic, Fortran), however not mandatory.



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Lucas offers a professional, international, technology driven and innovative environment, where students have opportunities to deepen their theoretical knowledge and transferring it to practical problems.

The duration of the internship offered will be **Monday 15th of April 2019 until Friday 10th of May 2019**.

Based on the candidate's personal profile the internship will take place either at Lucas' Technology Center at Montanuniversität Leoben, Campus, Impulszentrum Rohstoffe (IZR, 4th floor), Roseggerstrasse 11a, 8700 Leoben or at Lucas' Vienna Representative Office, Esslingasse 4, Top 1C, 1140 Vienna.

In general, the possibility of a long-term cooperation is given e.g. by providing Master Thesis topics and/or part time employment during the course of Master studies at Montanuniversität Leoben.

The gross remuneration for the offered internship will be on full time basis 1300 Euro/month.

If you are a highly motivated individual seeking new opportunities and challenges, you are invited to submit your confidential resume with photo and covering letter in English language electronically to our Human Resources Department, HR@pmlucas.com

Incomplete applications will not be taken into consideration.

Please note that only shortlisted candidates will be contacted.



Dr. Georg Mittermeir
Head of Research and Development

