



Equipa | CCL
Contratações 21

PHD | Civil/Materials Engineering Setúbal, PT

A

We are hiring for our Cement Clean Line Project - CCL. This is an exciting opportunity to work in an I&D area in a multinational Group based in Outão-Setúbal, Portugal.

You will have the opportunity to work in a project that aims to develop and demonstrate a new cement production technology. This project includes four R&D sub-projects aimed at eliminating dependence on fossil fuels, increasing energy efficiency, self-production of electricity, integration in the digitalisation process and reduction of CO2 emissions. These innovations will promote the development of the production of a low carbon clinker and consequently the creation of a range of cements with a low ecological footprint.*

You can have a great opportunity, if you have:

- a PHD in the one of the following areas Civil, Materials, Product or Nanotechnology
- research work in construction materials industrial processes, new products development modeling and simulation.
- previous experience in modeling or experience in projects with cement products (nice to have).
- advanced knowledge in Office, Excel, Python, MatLab, Aspen and CFD
- feel motivated working in an industry that is being challenged by the market and the world evolution;
- enjoy working and winning with the team seeing challenges as an opportunity for personal development and are looking forward to work with high level of autonomy.

If you have a positive answer to this topics, then this position should interest you!

Competencies

Problem Solving:

Mastering in root cause analysis & problem solving.

Customer Focus:

Anticipates the Client's needs and expectations, acting in conformity with them.

Influence others:

Integrates diverse perspectives to obtain commitment and common understanding.

Teamwork:

Considers diverse ideas or points of view, creating value and appreciating the contribution of others in the achievement of results.

Management Execution:

Plans activities guaranteeing their accomplishment and assuming responsibility for them, in a proactively way.

Detalhes da vaga

Nível de experiência

From 3 to 7 years

Setor

Industry

Tipo de emprego

Tempo integral

Funções de trabalho

Project/I&D



ANÚNCIO LINKEDIN

* For more information regarding this project please access: <http://www.secil-group.com/clean-cement-line/?lang=en>

PHD | Energy, Combustion, Simulation Setúbal, PT ^B

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You can have a great opportunity, if you have:

- a PHD in the one of the following areas Energy, Combustion or Simulation
- knowledge in chemical engineering area
- previous experience in industrial processes, modelling and simulation, in combustion and / or energy with integration of sensors in hardware and software solutions.
- previous experience in modeling or experience in projects with cement products (nice to have).
- advanced knowledge in Office, Excel, Python, MatLab, Aspen and CFD
- feel motivated working in an industry that is being challenged by the market and the world evolution;
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ANÚNCIO LINKEDIN

Master | Chemical Engineering Setúbal, PT

C

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You can have a great opportunity, if you have:

- a master's degree in the chemical engineering
- previous experience in industrial processes, modeling and simulation, combustion and / or energy.
- previous experience in modeling or experience in hydrogen projects (Nice to have).
- advanced knowledge in Office, Excel, Python, MatLab, Aspen, C++, CFD
- feel motivated working in an industry that is being challenged by the market and the world evolution;
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Master | Electronics Engineering Setúbal, PT

D

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You can have a great opportunity, if you have:

- a master's degree in the Electronics Engineering
- previous experience in architectural development for data-warehousing, data-mining, big data models
- previous experience in developing solutions within industry 4.0., sensing, or in industrial automation environments (nice to have).
- advanced knowledge in Office, Excel, Oracle DB, SQL Server
- feel motivated working in an industry that is being challenged by the market and the world evolution;
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ANÚNCIO LINKEDIN

Master | Data Science Setúbal, PT

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You can have a great opportunity, if you have:

- a master's degree in one of the following areas the Software Engineering, Industry 4.0, Data Science, Simulation or Combustion Boost
- previous experience in architectural development for data-warehousing, data-mining, big data models
- previous experience in algorithms development, integrated with solutions within the scope of industry 4.0. or in industrial automation environments (nice to have)
- advanced knowledge in Python, Oracle DB, SQL Server, Java script, HTML, XSL, CSS, Business Intelligence tools
- feel motivated working in an industry that is being challenged by the market and the world evolution;
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ANÚNCIO LINKEDIN

POSIÇÃO

Vaga	Descritivo
A	<p>Pesquisa e desenvolvimento nas áreas de produto clínquer e cimento.</p> <p>Desenvolvimento de modelos em ferramentas de simulação com vista a desenvolver parâmetros ótimos de produto e processo.</p> <p>Desenvolvimento de trabalhos e respectivos relatórios dos trabalhos de investigação.</p>
B	<p>Pesquisa e Desenvolvimento nas áreas de combustão e processo de produção de clínquer e cimento.</p> <p>Desenvolvimento de modelos em ferramentas de simulação com vista a desenvolver parâmetros ótimos de processo e de redução de emissões industriais.</p> <p>Desenvolvimento de trabalhos e respectivos relatórios dos trabalhos de investigação.</p>
C	<p>Pesquisa e Desenvolvimento nas áreas de combustão e processo de produção de clínquer e cimento.</p> <p>Desenvolvimento de modelos em ferramentas de simulação com vista a desenvolver parâmetros ótimos de processo e de redução de emissões industriais.</p> <p>Desenvolvimento de trabalhos e respectivos relatórios dos trabalhos de investigação.</p>
D	<p>Colaborar no desenvolvimento e implementação de solução de indústria 4.0, incluindo algoritmo AI para uma fábrica de cimento.</p>
E	<p>Colaborar no desenvolvimento e implementação de solução de indústria 4.0, incluindo algoritmo AI para uma fábrica de cimento.</p>

