

## Internship / thesis – direct air capture (DAC) – life cycle assessment

Are you passionate about environmental sustainability and interested in conducting cutting-edge research in the field of direct air capture (DAC) engineering, specifically conducting life cycle assessment? Join our team and contribute to our mission of developing innovative DAC technologies to combat climate change.

### WHAT DACMA OFFERS:

- Up to three months paid internship with us followed by your thesis
- A stimulating and **collaborative research environment** focussed on **cutting-edge topics** in environmental engineering.
- Opportunities to engage in **meaningful work** that contributes to advancements in DAC technology.
- The potential for publication of research findings and professional development in the field

### RESPONSIBILITIES

#### LCA in Brightway2

Life cycle assessment (LCA) modelling in Brightway2 (Python-based software) including building parametrised models and conducting detailed sensitivity analysis.

#### Automation

Utilise Python to automate LCA practices.

#### Data analysis

Analyse and visualise results and methodologies.  
Present results to engineering team.

#### Collaboration

Work closely with experts in DAC engineering to innovate and refine methodologies for future DAC systems



**JOIN OUR TEAM**  
**APPLY NOW**

[apply@dacma.de](mailto:apply@dacma.de)

Job ID: F-RO202402

## REQUIREMENTS

Education	<b>Currently enrolled in a technical degree</b> e.g. Environmental Engineering, Industrial Ecology, Economics, Data Science.
Programming skills	Essential: <b>Python</b> Desirable: Brightway2
Interest in life cycle assessment (LCA)	Essential: <b>demonstrated enthusiasm for LCA</b> for eco-design (e.g. projects, work) Desirable: initial exposure to LCA modelling
Problem solving	Systematic and analytical approach
Languages	Essential: <b>English at C1 level</b> ; English is our working language and your <b>thesis must be written in English</b> Desirable: German
Teamwork and independence	Essential: ability to work independently and collaboratively, with strong communication and interpersonal skills

**Preferred starting date:** as soon as possible

**Application process:** please send your resume and a brief cover letter outlining your interest in the position to [apply@dacma.de](mailto:apply@dacma.de).

Join us and be part of the solution in shaping a more sustainable future!



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