

1-year Internship Position 2017-2018: Formulation chemist

VLCI provides formulation boosting R&D service, for products such as paint & coatings, personal/beauty care, household, pharmaceuticals and polymers. A creative company, performing innovative R&D services with a practical approach since 2008. VLCI is the formulation center which combines applied state-of-the-art formulation science with High Throughput (HT) on project basis. A growing and dynamic company which serves small to multinational companies in the EU and US. See also our website www.vlci.biz.

Currently we are looking for a **1-year intern**, as a **formulation chemist**, with the following **internship description**:

- Learn about applied formulation science (VLCI's core technologies):
 - **HLD-NAC** (Hydrophilic Lipophilic Difference – Net Average Curvature), used for efficient surfactant selection, emulsion predictions & stability.
 - **HSP** (Hansen Solubility Parameters), used for compatibility and stability optimization, via ingredient matching.
 - **EIS** (Electrochemical Impedance Spectroscopy), a valuable method for the evaluation of barrier and anti-corrosive properties, as well as predictions on long-term performance.
- Apply and combine the above-mentioned technologies into commercial projects. Perform various hands-on formulation projects in the field of paint & coatings, personal/beauty care, household and polymers, using High Throughput.
- The tasks to be performed will be assigned by the project manager, providing guidance and supervising the development work from planning to reporting. The intern will directly report to the project manager.
- Communicate effectively to project manager/ project owner and colleagues to assist them on the projects.

The **profile requirements** are mentioned below:

- Student for a BSc or preferably MSc in organic chemistry, formulation, polymer or material science.
- Inventive, out of the box thinking, with strong affinity for formulation science.
- Flexible and willing to work in a dynamic company.
- Good and accurate communication skills, with good command of written and spoken English language.

What we **offer**:

- Challenging internship in a growing and dynamic company with open culture.
- Energetic, flexible and creative internship, serving a variety of international companies.

If you are interested, please send your application letter and CV to:

Sander van Loon, CEO, s.vanloon@vlci.biz or Science Park 408, 1098 XH, Amsterdam, The Netherlands.