

February 27<sup>th</sup> 2020

**6-12 months Internship Position starting September 2020: Formulation chemist  
VLCI - Amsterdam**

At VLCI, we thrive on formulation and bringing it to a higher level, together with our customers! We provide R&D services to the formulation industry, focused on the practical implementation of predictive formulation sciences combined with High Throughput screening. Customers benefit from our flexible on-demand approach to speed up their R&D, by obtaining more insights to formulate efficiently and using digitalization for intelligent design. In addition to our broad experience and formulation knowledge, we lead our customers towards the digitalization of their R&D, thanks to predictive ingredient data. Throughout the years, VLCI has developed a strong expertise in applying the predictive sciences of **HSP** and **HLD-NAC** to provide sustainable data. The data can be obtained for a broad range of ingredients and are applicable to the development of all types of formulated systems. The formulation industries that benefit from using these methods are: coatings, personal care, household, agrochemicals, EOR, pharmaceuticals, etc. Read more at [www.vlci.biz](http://www.vlci.biz).

Currently we are looking for a **6-12 months intern, to start at the beginning of September 2020 (or earlier)**, 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.
- Obtain predictive ingredient parameters according to HSP and HLD for a wide range of selected ingredients to build further the database of raw materials and study the implementation thereof.
- Apply and combine the above-mentioned technologies for commercial projects. Perform various hands-on formulation projects in the field of paint & coatings, personal/beauty care, household and polymers.
- 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.

The **profile requirements** are mentioned below:

- Student for a BSc or preferably MSc in formulation, polymer, material science, or organic chemistry.
- 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 **before March 31<sup>st</sup> 2020** to:

Sander van Loon, CEO, [info@vlci.biz](mailto:info@vlci.biz) or Science Park 408, 1098 XH, Amsterdam, The Netherlands.