

Scientific programmer

About Ypso-Facto

Ypso-Facto offers a unique and synergistic combination of consulting services and software tools aimed at optimizing biopharmaceutical processes. Our modeling approach has been recognized by major pharmaceutical companies such as Sanofi, GSK, Roche. We work in a dynamic, international environment, helping companies optimize their processes to improve purity, reduce the environmental footprint, and scale-up with confidence.

About the Role

We are looking for a passionate and motivated scientific programmer to join our R&D team. In this role, you will contribute to the development of our cutting-edge simulators focusing on chromatography, bioreactors, and solid phase synthesis.

Key Responsibilities

- Program physico-chemical models for bioprocesses.
- Implement methods for solving ODEs and numerical optimization.

Your Profile

- PhD in science or engineering
- Proficiency in scientific programming, with strong experience in Fortran or C++
- Strong scientific rigor and methodical problem-solving skills.
- Knowledge of chemical engineering / bioprocesses is an advantage
- Ability to communicate and work in a multidisciplinary team, including software developers, testers, and engineers.
- Ability to produce clear and detailed reports on project progress.
- Fluent English is mandatory; knowledge of French is a plus.
- A proactive and results-oriented mindset.

What We Offer

- A collaborative and innovative environment where your ideas and expertise will contribute to cutting-edge solutions.
- Opportunities for development in an international context.

- Frequent interactions with a multidisciplinary team and leading experts in the field.
- The chance to contribute to disruptive technologies that are transforming life science industries.

Location

Nancy (France) or Luxembourg.