

ROMARIC SIMO TAMOU

Research And Development Engineer



CONTACT

🏠 5 Rue Trumeau, 92500 Rueil-Malmaison

📞 +33695293745

✉️ romaric.simo-tamou@ifpen.fr

🌐 [linkedin.com/in/romaric-simo-tamou](https://www.linkedin.com/in/romaric-simo-tamou)

Date of Birth: 04 July 1997

Nationality: Cameroonian

SOFT SKILLS

Teamwork, Adaptability, Creativity,
Time management, Problem solving,
Stress management

TECHNICAL SKILLS

- **Software:** CONVERGE, AEROSOL, ARCANE, FreeFEM++
- **Programming Languages:** C++, Fortran, Python, Java, SQL
- **IDE:** Visual Studio Code, CLion, Code::Blocks, Eclipse, Anaconda
- **Other:** CMake, Git, LaTeX

LANGUAGES

- French
- English
- Ghomala

ACCOMPLISHMENTS

- Awardee of the Paris Graduate School of Mathematical Sciences Scholarship
- Driver's License (Category B)
- Volunteer at Pass-Age

REFERENCES

Vincent PERRIER
vincent.perrier@inria.fr

Julien BOHBOT
julien.bohbot@ifpen.fr

PROFILE

I am a highly motivated and detail-oriented Research and Development Engineer specializing in the numerical simulation of physical processes. Driven by a passion for addressing complex engineering challenges, I aim to apply my computational modeling skills to develop innovative and sustainable industrial solutions.

WORK EXPERIENCES

PhD candidate

IFP Energies Nouvelles | Rueil-Malmaison | 12/2021 – present

- Development of high-order Discontinuous Galerkin and Spectral Differences numerical methods for reactive turbulent flows in CONVERGE CFD Software
- Development of numerical methods for automatic mesh refinement in CONVERGE CFD Software

Intern

IFP Energies Nouvelles | Rueil-Malmaison | 02/2021 – 07/2021

- Development of a numerical method for model reduction of two-phase flow in porous media using a greedy algorithm and Proper Orthogonal Decomposition (POD) approach in ARCANE software

EDUCATION

PhD in Applied Mathematics

University of Pau and the Adour Region, France, 2021-2024

Master's Degree in Mathematical Modeling

Sorbonne University, France, 2020-2021

Master's Degree in Mathematical Modeling and Scientific Computing

National Advanced School of Engineering, Cameroon, 2018-2020

Bachelor's Degree in Fundamental Mathematics

University of Douala, Cameroon, 2017-2018

Bachelor's Degree in Fundamental Computer Science

University of Douala, Cameroon, 2014-2017