

HUGO RIOU

SENIOR SOFTWARE ENGINEER

riou.hugo56@gmail.com
Paris 11, France
+33640958472
21 Mai, 1996 – French
www.linkedin.com/in/hugo-riou



ABOUT

Proficient Full Stack Engineer with a particular appetite for data related subjects, passionate about using technology to solve challenging problems.

I am a curious developer with proven communication and organisational skills.

Looking for an exciting position where making the most impact would be the primary philosophy.

SKILLS

- Python
- NodeJS
- HTML/CSS
- Kubernetes
- Docker
- Terraform
- Linux
- TypeScript
- Team Work
- Problem Solving
- Project Management
- Public Speaking
- Agile Methodology
- Pedagogy

LANGUAGES

Français | Natif

Anglais
| Compétence professionnelle complète.
TOEFL (108/120)

PROFESSIONAL EXPERIENCES

Senior Software Engineer Sep 2020 – Présent
Enexflow – Paris

Main Full Stack Engineer on the company's flagship product, an EMS platform designed to help Energy Professionals mitigate operational and financial risks managing their assets, by letting them monitor, analyze and optimize their portfolio.

Typical tasks include:

- REST and GraphQL APIs development,
- Database design and management,
- Tasks design and assignation, scrum management along with the CTO,
- Frontend development,
- CI & CD pipelines setup
- Developer Experience improvement, good practice,
- Test implementation & automation (Mocha, Pytest, Selenium)

Actively took part in product and features design.

Managed up to 2/3 interns.

Organised a recurrent conference to vulgarize tech subjects for all teams.

Actively took part in recruitment.

Full Stack Intern Jan 2019 – Jun 2019
Hellofresh – Sydney

Owner of a custom tool used as ETL and Data Lake, to gather internal data coming from all BU and ease further data analysis tasks.

Full-stack development, feature creation and improvement both on front & backend (Python, VueJS, PostgreSQL, AWS, Docker).

Responsible for the full database restructuring. Coordination with all the database's clients.

Example of feature development: Automatic email sending, forecasts and discrepancies visualisation, automatic customer complaints management.

Logistics Data Intern Avr 2018 – Sep 2018
Procter & Gamble – Paris

Data processes automation within the logistics master-data team (Python Selenium, SAP scripting, VBA, Knime, Shell).

Change management and collaborators training on implemented automation tools.

Shared resources creation for the whole Logistics Service, aiming at auto-training in automation.

EDUCATION

MSc Energy Systems & Data Analysis Sep 2019 – Sep 2020
University College London – London

Study of energy systems through the lens of data analytics and machine learning.

Master Thesis: Reinforcement Learning to run Power Networks. Implementation and comparison of Reinforcement Learning algorithms (A3C, PPO, QRDN) on a Power Grid simulator. Collaboration with RTE.

MEng General Engineering Sep 2016 – Sep 2019
Ecole Centrale de Nantes – Nantes

General engineering, with courses including Computer Science, Solid & Fluid Mechanics, Manufacturing, Thermodynamics, Economy, Finance, Project Management, ...

Specialization in Industrial Engineering.

PCSI/PC* Sep 2014 – Jun 2016
Clemenceau – Nantes

Mathematics, physics and chemistry intensive courses to prepare for competitive examinations for entering French Engineering Schools.

PERSONAL INTERESTS

Nature, Environment, Surf, Mountaineering, Competitive swimming, DIY, Sailing, Book reading, Board games

Took part in a humanitarian mission in Peru to build a greenhouse to help fight infantile anemia by providing fruits and vegetables to children.