



We are looking for you!

Deep learning engineer

Internship (6 months)

In the frame of the CO₂ emission reduction requirements for the steel industry, Paul Wurth is developing the dry reforming of coke oven gas and/or natural gas together with the blast furnace top gas.

This technology can allow reducing the CO₂ emissions from the steel plant in a stepwise approach to up to 40%.

Your challenge:

- Literature research: identifying state of the art and selecting most promising approaches
- Benchmarking: Implementing in Python or R and evaluating selected approaches
- Innovating: defining new best approach from experience acquired in the research phase
- Evaluating/optimizing and validating the best model in production
- Writing scientific paper.

What do we expect?

- Studies in computer science, engineering or a similar, related discipline
- Advanced knowledge of Python/R, Keras
- Pragmatic researcher attitude with practical experience in developing Machine/Deep learning experiment
- Experience in working with multivariate time series data
- Experience and high interest in the following algorithms: LSTM, CNN, Autoencoder, transfer learning, Natural Language Processing
- Fluent in English, language skills in German and/or French would be considered as an asset
- High level of self-initiative and responsibility by working in a professional and independent manner, ability to quickly integrate in a dynamic, multinational team
- Great interpersonal and creative skills.

If you are you a teamplayer with good communication and critical thinking skills, if you can perform passionately while working independently, if you want to join a leading and highly innovative team, this could be the place for you!

Paul Wurth group is an international engineering company driven by innovation. Our experience is based on a tradition of 150 years and the professional know-how of 1600 employees, located in around 20 countries worldwide. As global leader in ironmaking technologies, we constantly face new challenges that force us to manage an on-going cycle of innovation. We thus take an active role in shaping the industry of tomorrow.

Join us in conquering new challenges and be part of our Paul Wurth team!



Please apply online:
<https://careers.paulwurth.com>

