Finally, one can refer to these research papers that study neural networks with the help of the PAC-Bayesian theory:

- Behnam Neyshabur, Srinadh Bhojanapalli, Nathan Srebro. A PAC-Bayesian Approach to Spectrally-Normalized Margin Bounds for Neural Networks. ICLR 2018
Main activities

Scientific research:
2. Conduct empirical experiments to assess the accuracy of theory-based learning methodology and model selection criterion.
3. Collaborate with other researchers, PhD students and interns.
4. Write reports and submit research articles.

Skills
- Machine/Statistical learning
- Preparation of scientific documents (knowledge of LaTeX mandatory)
- Practical experience with neural network training (knowledge of pyTorch and/or TensorFlow is a strong plus)

Benefits package
- Subsidised catering service
- Partially-reimbursed public transport

Remuneration
2653€ gross per month