



INTERNSHIP OFFER

DEEP LEARNING

RESEARCH & DEVELOPMENT

THE COMPANY

Nintendo European Research and Development (N.E.R.D.) is a French subsidiary of Nintendo. We create key enabling software technologies for the most innovative and popular game consoles in the world. In close cooperation with other centers of excellence in Japan and USA, we ship bleeding edge solutions, powering new experiences at the heart of the game system, on hundreds of millions of consoles. Achievements include major contributions in video, media, imaging, cryptography, and hardware abstraction for Nintendo Wii U™, New Nintendo 3DS™, Nintendo Switch™, and other Nintendo platforms. Come and discover our team of highly skilled professionals, working in a privileged environment with a friendly atmosphere in the center of Paris.

POSITION DUTIES

NERD is looking for a Deep Learning Research & Development intern to work on and explore state of the art topics that may include:

- Computer vision
- Image / video / audio processing
- Natural language processing
- Artificial Intelligence
- Big Data in general

This internship is aimed at candidates in their final year of studies and may lead to a permanent position at NERD.

CANDIDATE PROFILE

We are looking for candidates who are:

- passionate about empirical research
- fast learners
- fast at prototyping
- accustomed to the uncertainty related to machine learning
- problem solvers
- autonomous, but work well in a team

Desired skills:

- a good understanding of:
 - CNNs & RNNs
 - supervised, unsupervised & reinforcement learning
- hands-on experience with at least one of the following tools: PyTorch, MxNet, TensorFlow or similar
- theoretical and practical background in math
 - statistical, predictive and descriptive modeling concepts
 - optimization theory and stochastic algorithms
 - Bayesian inference, pattern matching, clustering, SVM, linear/logistic regression, random forest, dimensionality reduction, anomaly detection
- experience reading and understanding research papers, reviewing the state-of-the-art
- database programming skills (data manipulation)
- quick prototyping in Python and C++
- familiarity with Linux

The candidate must be proficient in English, both written and spoken.

CONTACT

If you believe you are the right person for this position, please send a resume and a cover letter to jobs@nerd.nintendo.com with DEEP2018-INTERN in the subject line.