ETIENNE BENNEQUIN, Ph.D.

MACHINE LEARNING ENGINEER

| +33 6 46 34 18 06 etienne.bennequin@gmail.com github.com/ebennequin | As a Ph.D. Candidate, I acquired advanced knowler machine learning. At the same time, working at a data science projects, either in a hands-on fashitechnical teams. I am thankful to end this three-year the academic and industrial landscapes of my field and develop exciting and useful products with a complement my skill set in both data engineering for an environment that will help me improve in the could significantly contribute. | service company, I intervened in tens of on or as a support and advisor for the experience with a strong grasp of both and hopeful that this will help me design positive impact. To that end, I need to and software development. I am looking |
|--|---|---|
| EDUCATION | WORK EXPERIENCE | SKILLS |
| i | 222 | Technical skills |
| | ??? ??? | Data scientist's toolkit (PyTorch, |
| Ph.D. Defense Sep 19, 2023 at CentraleSupélec, Université Paris-Saclay | Ph.D. Candidate Wrote the Ph.D thesis | Data engineer's toolkit* (SQL, BigQuery, DBT, Spark) |
| Ph.D. in Computer Science | Challenges of Real-Life Few-Shot SICARA Image Classification. | Cloud platforms & Terraform |
| 2023 | Proposed new methods, benchmarks, and perspectives CentraleSupélec | 2 Web |
| | to bridge the gap between academic | Software development* |
| | research and real industrial use-cases of learning from few examples. | ♦ Software architecture [★] |
| | Published first-author papers at ECML-PKDD 2021, CVPR 2022 (workshop) and CVPR 2023. | Data science |
| | Designed and maintained the popular open- source library EasyFSL. | Computer Vision |
| | At Sicara: | Machine Learning Generalities |
| | Took charge of the development and transmission of technical knowledge | NLP Recommandation |
| 2021 | Standardized best practices for selecting a data science algorithm accross all projects | 🏚 Tabular data 🐞 Transformers |
| | Designed, implemented and shipped a | Generative models |
| | model API for classification of bacterial from down to one image with >75% top-1 accuracy | Productivity skills |
| | † Data Scientist | 4 Lean develoment |
| | Worked in agile teams to develop tailor-made computer vision SICARA | Visual Management |
| ENC Paris Caster | solutions. | 2 Coaching |
| ENS Paris-Saclay Master Mathématiques - | Research Intern Performed applicative studies on | Legend |
| Vision - Apprentissage 2019 | few-shot image classification and SICARA | 1) Watched others do 2 Can do |
| Master's Degree | object detection. | with help 3 Can do in autonomy 4 Trained someone to do it |
| † | Research Assistant McGill | ★ High-priority improvement |
| | Designed and tested several VONIVERSITY models for the resolution of box-constrained | |
| École polytechnique | integer least squares problems. | LANGUAGES |
| Majored in IT and Applied 2015 | 7 | French 💧 🛦 🛦 🛦 |
| Mathematics. Diplôme de l'École | | English $\spadesuit \spadesuit \spadesuit \spadesuit \spadesuit$ |
| polytechnique | | German 🛕 🐧 🐧 |
| | • Educator & Teacher Helped children in need to | German W |
| | resolve both their educational APPRENTIS PAUTEUL | INTERESTS |

2015

Nriting 🔊 Acting & Directing

✓ Volleyball✓ Football✓ Cooking☑ Expeditions