Baptiste LAFABREGUE

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in linkedin | 🌐 website | 🎓 Google Scholar
🐙 github | stackoverflow

SUMMARY

Curious and autonomous, I love learning new things or tools everyday. I recently defended my PhD in Machine Learning and I am looking for a position in a tech company that will allow me to develop and refine my skills.

EXPERIENCE

UNIVERSITÉ DE STRASBOURG   *2021-current*

TEMPORARY ASSISTANT PROFESSOR

Teaching various courses and pursuing the research projects started during my PhD.

IRIMAS LAB., UNIVERSITÉ DE HAUTE ALSACE   *2018-2021*

PHD. STUDENT IN COMPUTER SCIENCE
My PhD thesis is focusing on:
• Time series clustering with deep learning methods
• Constraints integration in the clustering process applied to remote sensing images

ICUBE LAB., UNIVERSITÉ DE STRASBOURG   *2016-2018*

RESEARCH ENGINEER IN THE SCIENCE OF DATA AND KNOWLEDGE (SDC team)
• Re-engineering and maintenance of a clustering and segmentation libraries on remote-sensing images.
Solved scalability issues for clustering methods and GUI for large images
• Managed collaboration with the remote sensing team (SERTIT)
• Managed interns working on the software and libraries •

TALENT BUSINESS SOLUTIONS   *2014-2016*

MICROSOFT DYNAMICS NAV PROJECT MANAGER AND CONSULTANT
• Analysis of customer needs and development planning
• Users training
• Project deployment and project monitoring

SMARTTRADE TECHNOLOGIES   *2014 (6 months)*

INTERN IN RESEARCH & DEVELOPMENT
• Analysed tools' requirements and justify technological choices
• Development of the solution in MongoDB and Node.js, including unitary tests

EDUCATION

UNIVERSITÉ DE HAUTE-ALSACE   *2018-2021*

PHD IN COMPUTER SCINCE

ENSIIE ENGINEERING SCHOOL   *2012-2014*

MSc IN COMPUTER ENGINEERING

UNIVERSITY OF WARWICK   *2011-2012*

ERASMUS STUDENT

UNIVERSITY OF STRASBOURG   *2009-2012*

BSc IN COMPUTER SCIENCE

EXTRA

• AI Coach, Hacking Industry Camp 2021
• Animation of Computer Science Unplugged workshops
• Best Software Award, EGC 2020 conference
• Concours Open data Student Award 2013, Eurométropole de Strasbourg
• Winner of the Startup Weekend Strasbourg 2012

SKILLS

PROGRAMMING LANGUAGES	*Experienced:* Python | Java | Bash *Familiar:* C++ | Javascript
SOFTWARE ENGINEERING	GIT | GitLab CI/CD | Agile Methodology
FRAMEWORKS & LIBRARIES	Numpy | Tensorflow | PyTorch | Pandas | Scikit-learn | Matplotlib | Numba
DATABASES & DISTRIBUTED SYSTEMS	MySQL | SQL Server | MongoDB | Slurm | Singularity | Docker
LANGUAGES	*Native:* French *Fluent:* English *Intermediate:* German