



Galmiche Pierre

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DETAILS

Date of birth: 13 May 1997
Nationality: French
Marital Status: single
Website: pierregalmiche.link

SKILLS

- AI/Machine Learning
- Data Analysis & Visualization
- Statistical Analysis & Data Manipulation
- Algorithm design and optimization
- Signal and image processing
- Programming languages: Python, C, C++, MATLAB, Julia
- Frameworks: TensorFlow, PyTorch, Scikit-Learn
- Version Control & CI/CD: Git, GitHub, GitLab
- Containerization & Cloud: Docker, AWS

SOFT SKILLS

- Analytical thinking & Creativity
- Active listener / Open minded
- Team player
- Interest for new technologies

LANGUAGES

- French: native language
- English: C1
- German: B1

HOBBIES

- Judo-Junomichi (black belt)
- Yoga
- Hiking-Travel
- Music: Beatbox

SUMMARY

- PhD in Computer Science: Machine Learning, Data analysis and Visualization, Applications to Medical Radiotherapy Data
- Skills on research and development approaches (fundamentals, methods, tools)
- Interest for new scientific challenges, innovation and teamwork
- Expertise and strong motivation to develop creative and impactful solutions to contribute to the success of innovative and collaborative projects

WORK EXPERIENCE

- **Oct 2020 - Nov 2024 | PhD in Computer Science (Machine Learning, Data analysis for Radiotherapy)** *ICube Laboratory, University of Strasbourg, France*
Supervisors: Hyewon Seo, Michel de Mathelin
 - > Research and development of Machine Learning/Computer Vision methods, including 3D raw data processing, Medical data analysis, Algorithm optimization
 - > Publications: Pacific Graphics 2023, CGF 2023, ICCR 2024
 - > Teaching: Master levels (Télécom Physique Strasbourg)
 - > Supervision/Monitoring: Master students (M1,M2)
- **Feb 2020 - Jul 2020 | Internship (Master 2) in medical image processing** *General Electrics Healthcare, Strasbourg, France*
Supervisor : Vincent Pangon
 - > Development of Image Quality Assessment methods for Computed Tomography images
- **Oct 2019 - Jan 2020 | Internship (Master 2) in supply chain optimization** *Electricité de Strasbourg, France*
 - > Development of Python-based optimization tools to enhance supply chain efficiency and inventory management.
- **Jun 2019 - Jul 2019 | Internship (Master 1) in predictive modeling** *LeSportif.com, Strasbourg, France*
 - > Data mining
 - > Development of a predictive model using Random Forests to estimate attendance at sports events.

EDUCATION

- **PhD in Computer Science | 2024**
ICube Laboratory, MLMS team, University of Strasbourg, France
- **Master in Applied Mathematics | 2020**
University of Strasbourg, France
- **Bachelor in Fundamental Mathematics | 2018**
University of Lorraine, France