Menghor THUO

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Education

Université Paris-Saclay   **Sept 2023 – Current**
Master Year 1 (M1) in Applied Mathematics   *Évry, France*
- The courses focused on Machine Learning and Deep Learning.

École Nationale Supérieure d'Informatique pour l'Industrie et l'Entreprise (ENSIIE) Sept 2022 – Current
Engineering Degree   *Évry, France*
- The courses focused on computer science and mathematics.

Institute of Technology of Cambodia(ITC)   **2019 – 2022**
Engineering Degree   *Phnom Penh, Cambodia*
- Two-year undergraduate intensive course in science in Department of Foundation Year (Tronc Commun)

Experience

AI FARM ROBOTICS   **June 2024 – August 2024**
AI Engineer Intern   *Phnom Penh, Cambodia*
- Topic: Large Language Models for Robot Operating System(ROS2)
- Fine-tune LLM model to translate natural language instructions into Robot Operating System 2(ROS2) command sequences for robot control.
- Technical Skills: LLM, NLP, ROS2, Flask(Python)

PARIS PARTNERS SOFTWARES (PPS)   **May 2023 – July 2023**
Full Stack Developper Intern   *Paris, France*
- Topic: Reporting Management System
- Technical Skills: JavaScript, SailJS, Angular, PostgeSQL, Git.

Projects

KAGGLE CHALLENGE | *Python*   **February 2024 – April 2024**
- Team up with three classmates to participate in Kaggle Challenge, "Spaceship Titanic" to predict whether a passenger was transported to an alternate dimension.

Optical Recognition of Handwritten Digits | *Python*   **May 2024**
- To classify handwritten digits from images using K-means and Hierarchical clustering.

Skills

Languages: Python(Pandas, NumPy, Scikit-learn, Pytorch etc.), R, C/C++, HTML/CSS, JavaScript, SQL, Java
Developer Tools: VS Code, Jupyter notebook
Technologies/Frameworks: Linux, LaTeX, Microsoft Office, Git
Soft skill: Curiosity, Problem-solving, Agility, Enthusiasm

Achievements / Certificate

Winner of the 24th edition of the "Challenge Projets d'Entreprendre"   **January 2024**
Competition   *IMT-Starter*

Generative AI with Large Language Models   **June 2024**
Course Certificate   *Coursera*

Languages

- **Khmer**: Native proficiency
- **English**: Professional working proficiency
- **French**: Limited working proficiency