Hok SENG

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Second-year student at Ecole Polytechnique, actively seeking an internship in data science and artificial intelligence from June 2025. I am passionate about working in collaborative environments.

EDUCATION

Ecole Polytechnique, Paris, France 2023 – Present
Engineering degree in Applied Mathematics and Computer Science
- Courses: Real Analysis, Random Processes, Numerical Analysis, Quantum Mechanics, Basics of Java Programming, Introduction to Economics, ...

Institute of Technology of Cambodia (ITC) 2020 – 2023
General Foundation Year: 2 years of studies in mathematics, physics, and computer science

PROFESSIONAL EXPERIENCES

Tutor of Mathematics, Institute of Technology of Cambodia, Cambodia Jan 2023– Av 2023
- Train 15 students for the admission exam to IP PARIS schools, including 5 admitted.

ACADEMIC PROJECTS

Scientific collective project, Ecole Polytechnique Sept 2024 – Present

- Study on the improvement of methodologies in Meta analysis with real biological data under the supervision of an institution of research(INRAE).

Data Analysis and Machine Learning Boot Camp, Hi! PARIS 18 Jul 2024 – 25 Jul 2024

- Conduct data analysis and machine learning on Olympic Data to give a reliable and efficient predictions.

Python Project, Ecole Polytechnique May 2023 – Jul 2023
- Study in non-parametric statistics consistency and quadratic risk to improve the inference statistic using histogram.

VOLUNTEERING

President of a Study Club for the Association of Khmer Polytechnicians 2024 - Present
- Organize and coordinate the study club session that invite alumni of the school for giving an exclusive academic seminar.

Member of the Binet - Asiat'X, Ecole Polytechnique 2024 - Present
- Make food as a group to share to the students during an event.

IT SKILLS

Programming Languages: Python, R, Java, Pytorch, SQL
Tools: Git/GitHub, Notebook, VS Code, LaTeX

LANGUAGES

Khmer: Native Language
English: B2-Advanced
French: B2-Intermediate

HOBBIES

Sports: Soccer - Play 3 times every week since 2023
Music: Guitar - learning to play for 3 months
Chess: Playing chess in the free time for one year