Senghak ROU

senghak.rou@ensae.fr ✉ (+33) 668 933 288 ✆ www.linkedin.com/in/rousenghak 🔗

I am actively seeking a 2-3 months internship in data analyst, machine learning and statistics starting in June 2025.

FORMATION

ENSAE Paris
2023 – Present

Engineering diploma in Data science, Statistics, and Economics.

- Courses taken: Functional and convex analysis, Mathematical foundations of probability, Optimization, Statistics, Macroeconomics, Microeconomics, Algorithms and programming in Python, Univariate descriptive statistics with SAS, ...

Institute of Technology of Cambodia (ITC)
2020 – 2023

Engineering program: 3 years of formation in mathematics, physics, and computer science

EXPERIENCE

RSL Global Logistics Co., Ltd | *Intern, IT Support* — Jul. 2024 – Aug. 2024

Completed a six-week exploratory internship at RSL Global Logistics, where I provided IT support and resolved technical issues across various departments.

AXK | *Tutor, Mathematics* — Jan. 2023 – May. 2023

Provided Mathemaics and preparation courses (IP Paris) to 1st and 2nd year students at ITC

ITC | *Tutor, Physics* — Mar. 2022 – Aug. 2022

Provided Physics (Mécanique et Thermodynamique) courses to freshmen students at ITC during my second-year study

ACADEMIC PROJECTS

Resume Classification and Job Matching Project | *Machine Learning, NLP, Python* — Nov. 2024 – Dec. 2024

- Developed a machine learning-based web application that classifies resumes into job categories and recommends job matches using TF-IDF, and various classification models.

Applied Statistics Project | *PCA, R studio* — Mar. 2024

- Conducted a PCA analysis to identify countries with distinct socio-economic positions and determine key indicators shaping the global economic landscape.

Univariate descriptive statistics with SAS | *SAS* — Sep. 2023

- Investigates the relationship between mental well-being and social openness, finding a moderate correlation based on data from the European Social Survey(ESS).

Algorithms and Data structure | *C++, File I/O, VS Code, GitHub* — Jan. 2022 – Jul. 2022

- Build a interactive database to store student information and enabling search and display of tuition payment data (name, ID, date, year, method, etc.).

LANGUAGE AND SKILLS

Programming: Python, R, SQL, C++

Tools: Git/GitHub, Notebook, VS Code, LaTeX

Languages:

Khmer: Mother tongue **English**: C1 **French**: B1

PRIZES AND AWARDS

- 2023 Obtain the Eiffel scholarship from the French government to pursue studies at ENSAE Paris
- 2022 Awarded from Sumitomo Corperation as the outstanding student in university(ITC).

Volunteering

- Active member at Association des Polytechniciens Khmers (AXK)

Interesting Center

Sport: Badminton   **Art**: Portrait drawing   **Leisure**: Cooking, walking