

Senghak ROU

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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 Mathematics 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 | *Machine Learning, NLP, Python* Nov. 2024 – Dec. 2024

- Developed a machine learning-based web application to calculate resume-job matching scores, classify resumes, and recommend job matches using TF-IDF and 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, L^AT_EX

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 Corporation 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