

# 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 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

**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++

**Languages:**

**Tools:** Git/GitHub, Notebook, VS Code, L<sup>A</sup>T<sub>E</sub>X

**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