

San Kimheang

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I am a fourth-year student at the Institute of Technology of Cambodia, and also at the Institute of Foreign Languages. Currently, I am deeply interested in the field of Data Science and Artificial Intelligence. With a growing proficiency of data analysis, machine learning, critical thinking, and communication skill, I actively seek opportunities to apply my knowledge through projects, internships and research.

EDUCATION

Institute of Technology of Cambodia

2021 - Present

Engineering degree of Data Science in Applied Mathematics and Statistics

Institute of Foreign Languages

2021 – July 2025

Bachelor of Education in Teaching English as a Foreign language, Department of English

EXPERIENCE

Undergraduate Research Work

Institute of Foreign Languages

- Conducted a research on “Strategies of DoE Year-4 Students at IFL to Build Employability Skills”
- Used SPSS statistics software as a tool to analyze the data and wrote a research paper
- Presented the final result or research to many lecturers and students.

Institute of Technology of Cambodia

- Established a research about “Deep Learning Techniques in Pneumonia Detection”
- Developed and finetuned the pre-trained model of ZFNet, ResNet 50, and VGG-16 to find out which one get the most accurate in training with Pnuemonia images.
- Wrote a manuscript of the research

Teaching Practicum

Institute of Foreign Languages

- Created lesson plans and teaching materials to teach Bridging Course which is a focused course designed to help students prepare for IFL entrance exam
- Tuaght two times which were on 31 April and 28 May 2025

PROJECT

Hand Written Recognition

- Wrote the number in Ms Paint and the model predicted what number it is

SKILL

Python

SQL

MS Office

Power BI

Git

REFERENCE

Dr. PHAUK Sökkhey

Position: Deputy head of department of Applied Mathematics and Statistics and Head of Master Program of Data Science

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