



CHAN SOPHARA

CONTACT

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EDUCATION

2022 - Present

ITC

- Bachelor Degree of Data Science

2021

Sovannaphumi School

- Graduated from high school

PROFILE

I am a Fourth-year Data Science student at ITC passionate about Data Analysis and Visualization. Skilled in Python, SQL, Machine Learning, and Power BI. Seeking an opportunity to apply my skills and eager to learn more.

My website Portfolio: <https://chansophara.github.io/>

WORK EXPERIENCE

- **DIGITAL GOVERNMENT COMMITTEE (DGC)** JUL 2024 - OCT 2024
Junior Data Analyst (Internship)
 - Data cleaning and processing
 - Extracting data through rest API
 - Creating Power BI dashboard for government products
 - Support in Power BI development, documentation and research for 2 main products of government.
 - Conduct research on D3.js for website dashboard development.
 - Build a website dashboard based on the Power BI work
 - Research and develop new ways to improve the visualisation and features of the products
 - Enhancing mobile view visual.

SKILLS

- Creativity
- Critical Thinking
- Communication
- Teamwork
- Self-management

PROJECT EXPERIENCE

- **RULE BASED CHAT BOT (RPC)** 3 APR 2025 - 26 APR 2025
 - Add chat bot assistant feature in food delivery system with interactive and modern design
 - Create another server using flask for chat bot
 - Handle orders, checking menu, location, special offer, social media, about team, etc.
- **FOOD DELIVERY SYSTEM** 24 FEB 2025 - 23 APR 2025
 - Design user friendly and interactive Front End for Khmer restaurant using HTML, CSS, JS
 - Work on Back End using Flask server and store data in SQLite, MySQL
 - Design separate Admin page and dashboard for checking customer data in real time, handle customer order, printing order transcript.

LANGUAGES

- English (Intermediate)
- Khmer

•	Driver drowsiness detection	4 Nov 2024 - 20 Feb 2024
	<ul style="list-style-type: none">• Build a machine learning model to detect the drowsiness and alert the driver while driving• Combining and connect with Arduino for alerting the driver	
•	Traffic light and sign recognition	18 Oct 2024 - 02 Dec 2024
	<ul style="list-style-type: none">• Build a model to detect traffic light and traffic sign• Classify what traffic sign it is	

PROGRAMMING LANGUAGE

- Programming: Python, R script, JavaScript, HTML/CSS
- Databases: SQL (PostgreSQL, MySQL, SQLite), NoSQL
- Data Tools: Power BI, Tableau, Metabase
- ML & AI Frameworks: TensorFlow, Keras, Scikit-learn, OpenCV, Flask, Node.js
- Data Analysis & Techniques: Data Cleaning, Web Scraping (BeautifulSoup, Scrapy) Predictive Modeling, Statistical Analysis

ACTIVITY

- Career fair at ITC
- Workshop about Fintech (Operated by Youth and Financial Technology)
- Techno innovation challenge Cambodia (Operated by ITC)
- Introduction to Machine learning (Operated by ITC)
- Introduction to Natural language processing (Operated by ITC)
- Data science seminar (By professor from KIT, Japan)
- Data science workshop (Operated by Dichi academy)
- Training on Digital transformation in Engineering(Board of Engineers,Cambodia)
- Workshop at ITC about the topic "The power of Data Science and Cybersecurity" (Representative from USAID).
- Participate in ASEAN Data Science Explorer (organized by SAP)

REFERENCE

Mr. Thear Sophal | Researcher and Lecturer at CADT
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Mr. Nhim Malai | Lecturer at ITC
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