


# CHOU KOSOL

DATA SCIENCE STUDENT



## CONTACT ME

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## SKILLS

- Data Analysis & Visualization
- Machine Learning
- Time Series Forecasting
- Geospatial Data Processing
- Project Management
- Team Collaboration
- Problem Solving
- Critical Thinking

## LANGUAGES

- Khmer (Fluent)
- English (Intermediate)
- French (Intermediate))

## ACHIEVEMENTS

- **MoEYS Full Scholarship Award** – Awarded for being in the Top 80 in the entrance exam of the Institute of Technology of Cambodia (ITC), 2022.
- **IP Paris Entrance Examination** – Shortlisted for ENSAE Paris and Télécom Paris, completed exams & interview (2023).



## PROFILE

Curious and driven student with a strong passion for data science and technology. I enjoy exploring new ideas, solving challenging problems, and turning theoretical knowledge into practical insights. I'm eager to learn, grow, and contribute meaningfully, while collaborating with others, discovering new opportunities, and making a positive impact.



## EXPERIENCE

### Institute of Technology of Cambodia

2022 - PRESENT

#### School Projects

- **Traffic Prediction Project** | Forecasted vehicle traffic volume using time series models to analyze and predict future trends.
- **AAPL Stock Price Prediction** | Focused on data visualization and applied deep learning models to forecast Apple's stock price trends.
- **Poke-Food Website** | Developed a restaurant website with a built-in food recommendation feature based on user preferences.
- **Handwritten Digit Recognition (MNIST)** | Built and trained deep learning models for digit classification.
- **Event Management System** | Built a database-driven system for event planning, ticketing, and participant management.

### REDA LAB

JULY 2025 - PRESENT

- **Waterlogging Risk Monitoring (Sentinel-1)** | Helped farmers reduce crop loss by providing early warnings of waterlogging.
- **Pest & Disease Risk Detection (Sentinel-2)** | Supported farmers with timely insights to prevent yield loss from pest and disease outbreaks.
- **Rice Yield Forecasting in Cambodia** | Predicted rice production using time series to support agricultural planning.
- **Crop Recommendation System** | Built a machine learning model to recommend the most suitable crop for cultivation.



## EDUCATION

### Institute of Technology of Cambodia

2022-Present, Junior, Institute of Technology of Cambodia (ITC)

Expected Graduation: 2027

- First Year GPA: 4.0/4.0
- Second Year GPA: 3.5/4.0
- Third Year GPA: 4.0/4.0