



CHHIN VISAL

Data science Student

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🌐 <https://visal111.github.io/Portfolio/>

About Me

I'm a 4th-year Data Science student at ITC in the Department of Applied Mathematics and Statistics (AMS), I specialize in machine learning, artificial intelligence, deep learning, SQL, data analysis, and data engineering. I'm fueled by a passion for solving problems through data and am dedicated to honing my expertise to drive impactful real-world applications.

Education

2021 – Present	Institute of Technology of Cambodia Senior Student, Undergraduate in Data Science
2021-2018	Tnotchum Highschool Finished High School at Hun Sen Tnoat Chum High School

Work Experience

2023	Volunteer at ABA bank Volunteer Math Kangaroo
2024	Volunteer ACU-Bacll Ministry of Post and Telecommunication Three-month internship at Ministry of Posts and Telecommunications (MPTC) as a Data Analyst.

Technical Skill

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|--------------|--------------------|-----------------|
| • Python | • PHP | • Power BI |
| • HTML & CSS | • Microsoft Office | • R Programming |
| • SQL | • JavaScript | • C/C++ |
| • Java | | |

Language

- Khmer: mother tongue
- English: intermediate

- French: basic

Project

- **Gym Management System:**
 - **Description:** The Gym Management System is a comprehensive full-stack web application designed to streamline and digitize the operations of modern fitness centers.
 - **Technique & Tools:** HTML, CSS, Javascript, Node.Js, VS Code and Github
- **Disease Diagnosis Predictor:**
 - **Description:** The Disease Diagnosis Predictor leverages machine learning to analyze patient data and predict potential diseases. Through Exploratory Data Analysis (EDA), patterns and key health indicators are identified, which enhance model accuracy.
 - **Technique & Tools:** Python, VS Code, Streamlit and Github
- **Email Spam Detection:**
 - **Description:** Developed a machine learning-based project to classify emails as spam or not spam, using data preprocessing, feature extraction, and classification algorithms to enhance email filtering accuracy.
 - **Technique & Tools:** Python, VS Code and Github
- **Laptop Price Prediction:**
 - **Description:** The Gym Management System is a comprehensive full-stack web application designed to streamline and digitize the operations of modern fitness centers.
 - **Technique & Tools:** HTML, CSS, Javascript, Node.Js, VS Code and Github
- **Survey of alcohol Consumption:**
 - **Description:** Conducted a research study analyzing the drinking habits of Cambodian youth (ages 15–28), focusing on frequency, alcohol preferences, and influencing factors such as peer pressure and cultural norms
 - **Technique & Tools:** Excel and Power BI

Reference

KHEAN Vesal Researcher and Lecturer at Institute of Technology of Cambodia

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