

# Vuthy Panha

Data Analyst



## Personal details



Vuthy Panha



Vuthy Panha



panhahack012@gmail.com



+855 12 27 80 48



St 90, Sangkat Srah Chak,  
Khan Doun Penh, Phnom  
Penh



panhahackportfolio.netlify.app

## Soft Skill



Problem solving



Proactive



Autodidact



Team working



Innovative



Strong communication

## languages

English



French



## About Me

Enthusiastic Data Analyst with a strong background in SQL, BI tools like Power BI, and deep business mindset. Over 1 year of experience in translating complex dataset into clear insights to boost the decision-making process, with a proven track record of enhancing business processes and growth.

## Experiences

Adventure Work Report - Individual Project

November 2023

### *Personal Project*

- Build professional BI report from the ground up with meaningful storytelling
- Be able to use MS Power BI as a visualization tool and interactive report
- Be able to use properly the DAX for specifically analyze relation data model.
- Be able to define properly the data modeling

Student Attendance using Facial Recognition

January 2024

### *School Capstone Project- Team Lead*

- Be able to define and delegate meaningful task to team member
- Be able to define research methodology of project problem
- Be able to implement deep learning method like MobileNet for facial recognition
- Be able to implement transfer learning process on new data as data will increase overtime

Credit Card Consumption Prediction & Analysis

August 2023

### *School Capstone Project- Team Lead*

- Be able to clean and manipulate data using NumPy and Pandas
- Be able to extract feature using Heatmap correlation check and PCA for feature reduction.
- Be able to explore and visualize insightful trend within data using Matplotlib and Seaborn
- Be able to implement clustering method for customer segmentation insight
- Be able to implement machine learning model for credit card consumption prediction such as Linear Regression model

# Skills Summary

Power BI	<div><div></div><div></div><div></div><div></div><div></div></div>
SQL	<div><div></div><div></div><div></div><div></div><div></div></div>
Python	<div><div></div><div></div><div></div><div></div><div></div></div>
PHP	<div><div></div><div></div><div></div><div></div><div></div></div>

# Certificates

## Microsoft Power BI Desktop for Business Intelligence

Udemy, completed in 2024 with focus key concept and implementation of an interactive data analysis dashboard using MS Power BI.

## Fundamental of Datascience

Coursera, completed in 2023 with focus on foundational understanding and data science in term of communication in this field.

# References

## Mr. Ang Mengchhuong

Program coordinator and Lecturer at Cambodia Academy of Digital Technology  
+855 963 388 106  
Mengchhuong.ang@cadt.edu.kh

# Volunteers

- SeaGame 2023 - Field Team
- Robocon 2023 - Scoring Team
- Coding-C festival - Flow Team
- Red's cross Battambang
- School Sangkran - Flow Team

Database Design and Analysis October 2023  
*Personal Project*

- Be able to organize data structure by using Normalization
- Be able to define Star and Snowflake schema
- Be able to define filter context and flow like direction and bi-direction flow

CADT Canteen System and Report January 2023  
*Internship 1, Cambodia Academy of Digital Technology*

- Be able to build a POS system for school canteen
- Be able to define insightful static report such as daily sale income, profit, total order of the canteen.
- Be able to work directly with stake holder to continue improvement on system and data-driven report

# Educations

Bachelor's Degree in Computer Science 2020 - Present  
Cambodia Academy of Digital Technology, Phnom Penh

Google Advance Data Analytics 2023 - Present  
Coursera

Microsoft Power BI for Business Intelligence 2023 - 2024  
Udemy

General English Program Level 12 Graduation 2014 - 2020  
USA International School, Battambang

High School Diploma 2014 - 2020  
Preah Monivong High School

# Achievements

Asian Science Camp 2022 - Republic Korea Aug 2022  
A delegate's candidate who represented Cambodia

Robocon 2022 Competition - 1st Prize Jun 2022 - Aug 2022  
Participant member of robot competition

IOT Makerthon - 1st Prize Apr 2022  
Innovation festival - CADT

Tech4Good competition - 2nd Prize Mar 2021  
Huawei seed for the future program