Teng Thaisothyrak

Data Engineer

https://www.linkedin.com/in/thaisothyrak-teng-0b8675246

bus.teng.thaisothyrak@gmail.com

070596976 (Primary, Telegram)
099425234 (Secondary)

https://t-thyrak.github.io/

About Me

I am primarily a backend developer passionate about machine learning and web development. I have experience in developing machine learning applications using TensorFlow and Python, as well as web applications using Flask, and aiohttp. I am also qualified for Cisco's CyberOperations Associate.

Work Experience

Machine Learning Engineer
Cambodia Academy of Digital Technology, Assignment Project
March 5th to March 13th, 2024 (3 months)
Link: https://github.com/T-Thyrak/aifeel

- Responsible for developing the preprocessing pipeline and training the neural network model for a sentimental analysis project
- Learned the basics of natural language processing and how to use deep learning effectively with text inputs
- Achieved an accuracy of 94% on the model

Machine Learning Engineer
Cambodia Academy of Digital Technology, Assignment Project
January 1st to March 26th, 2024 (3 months)
Link: https://gitlab.com/snapcheck-system/snapcheck-recognize

- Responsible for training, creating a data pipeline for training the model, and transfer learning pipeline for a face detection system
- Learned the ins and outs of data engineering and transfer learning
- Trusted to be responsible as a competent machine learning engineer

Machine Learning Engineer
Cambodia Academy of Digital Technology, Assignment Project
October to December 2022 (3 months)
Link: https://github.com/T-Thyrak/irc-chatbot

- Developed a chatbot program for giving information about CADT
- Learned the basics of creating a chatbot system and basic machine-learning algorithms

Software Developer
Cambodia Academy of Digital Technology, Assignment Project
March to May 2022 (3 months)
Link: https://github.com/t-thyrak/coffee-shop-management

- Developed a PoS application using JavaFX
- Learned the how to create GUI applications, software design, and design patterns

Education History

Bachelor of Computer Science, 4th year
Cambodia Academy of Digital Science
Expected Graduation Year: 2024

Baccaleaureate II
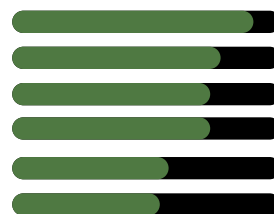Chea Sim Takeo High School
Graduated: 2021

Certificates

- **Sololearn SQL Introduction/SQL Intermediate**
- **CyberOps Associate**

Relevant Skills

- General Software Development
- Database Management (SQL variants like MySQL, MariaDB, T-SQL)
- Version Control (Git)
- API Design (Flask and FastAPI)
- Communication and Teamwork
- Problem-Solving

Languages

- Python (5 years)
- Rust (2 years)
- C/C++ (2 years)
- SQL (2 years)
- Java (1 year)
- PHP (1 year)

Communication Languages

- Khmer: Native/Bilingual Proficiency (C2)
- English: Native/Bilingual Proficiency (C2)
- Japanese: Full Professional Proficiency (N2)

References

Sok Hong
Email: sokhong814@gmail.com
Phone: 012639864

Ang Mengchhoung
Position: Program Coordinator and Lecturer
Email: mengchhuong.ang@cadt.edu.kh