

Ngen Tina

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Objective

I am actively looking for an internship in Artificial Intelligence, Data Science, or Machine Learning to apply my academic knowledge and project experience to develop impactful real-world solutions, specifically contributing to the design and development of intuitive, user-centric chatbot interfaces. I am eager to contribute to meaningful innovations while learning from industry professionals in AI chatbot and natural language interface development.

Summary

Motivated third-year data science student at the **Institute of Technology of Cambodia (ITC)** with hands-on experience in Python, Deep Learning, and Machine Learning. Developed predictive models and computer vision solutions through academic and outside projects, demonstrating a strong foundation for developing user interfaces and connecting with backend logic. Passionate about using Artificial Intelligence (AI) and data-driven approaches to solve real-world problems and create measurable impact, with a keen interest in designing and building user-friendly chatbot interfaces to interact with AI features.

Education

The Bachelor of Education in English

Institute of Foreign Languages, Phnom Penh, Cambodia

Year 2

The Bachelor of Engineering in Data Science

Institute of Technology of Cambodia, Phnom Penh, Cambodia

Year 3

Projects

Type-2 Diabetes Diagnosis Classification

[Go to Repo](#) [↗](#)

- Developed a Machine Learning model which can classify whether one has type-2 Diabetes
- Tools Used: Python, Scikit-learn, Pandas

Music Recommendation based on Facial Expression

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- Developed an application capable for recommending a bunch of songs based on user's facial image input
- Tools Used: Python, JavaScript, FastAPI, React

Corn Disease Detection

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- Developed an application that can identify corn disease given a picture of corn leaf
- Tools Used: Python, JavaScript, Django, React

Technical Skills

- **Programming Languages:** Python, JavaScript, Java, C/C++, SQL
- **Frameworks:** Django, FastAPI, Flask, React, Next
- **Tools:** Git/GitHub, Postgres, MySQL, Figma, Tableau, TensorFlow, PyTorch
- **Soft Skills:** Teamwork, Problem-Solving, Creative

Extras

LLM Lab, ReDA Lab

- Create LLM models that are capable to response in KHMER language.
- Developing ChatBot for various fields.

ITC, Phnom Penh May 2025

- Present

CVAI-U, ReDA Lab

- Apply Computer Vision in real-world projects
- Integrated AI with Real-World Problems by creating a tool to extract data from camera and providing a system to aid associated problems

ITC, Phnom Penh May 2025

- Present