

Ven Vannuth

DATA SCIENCE

Experiences

- **Research and Data Analytics Laboratory (AMS) Intern Year 3** (August-October) 2023
 - Images Detection (Rice Leaf Diseases Detection with CNN).
 - MLOps (Deploy models to Website with Docker)
- **R&D WiFi CSI Data with professor from Japan** 2024 - Present
 - Collect CSI Data
 - Training with Machine Learning
 - Presenter of 13th Scientific Day of ITC
 - Public Paper CSI Human Movement Detection
 - Prepare Paper for International Program
- **CamCyber Training** 2023 - 2024
 - Full Stack Training
 - DevOps or MLOps Training
- **CamCyber R&D** 2024 - Present
 - Develop KhmerOCR Recognition and Detection with Deep Learning
 - Using CRAFT for Khmer Text Detection
 - Using CRNN for Khmer Text Recognition
 - Using Docker for deploy API KhmerOCR to Webservice.
- **Joining Sakura Science Exchange Program** 21-10-24 to 26-10-24
 - Analysis Data in real world Environment with IOT.
- **Self R&D**
 - Contribute open-source repositories of Computer Vision and Data Analytics on GitHub.

COMPUTER AND PROGRAM SKILLS

- **Programming Language:** Python, R, SQL, C/C++.
- **OS :** Window , Ubuntu.
- **WebScraping :** BeautifulSoup, Selenium, Spider
- **Data Engineering :** Collection , Cleaning, Processing.
- **Data Visualization :** Matplotlib, Seaborn, PowerBI.
- **Data Analysis :** EDA , Hypothesis Testing, PGM.
- **Machine Learning :** Regression, Classification.
- **Deep Learning :** Computer Vision , NLP
- **BigData :** PySpark , Apache Hadoop
- **DevOps or MLOps:** Docker, CI/CD, Jenkins.

About Me

An ambitious individual seeking to thrive and expand knowledge in a dynamic work environment, with a focus on excelling in AI, Analytics, Machine Learning, Deep Learning, and MLOps in data-driven industries.

My Contact

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Education

2020 – Present Bachelor Student

Institute of Technology of Cambodia , Phnom Penh

2014 – 2020 High school Student

Pnhey Mean High School, Takeo

2008 – 2014 Primary school Student

Pnhey Mean Primary School, Takeo

Languages

- Khmer : 100%
- English : 80%