KEO VONMONYROTH
Data Scientist

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EDUCATIONS

Institute of Technology of Cambodia

Engineering degree in Data Science   Expected Graduation: JUNE, 2025

TECHNICAL SKILLS

Languages: **Python, R, SQL**
Tech Stack: **Git, AWS, Excel, Power BI**

EXPERIENCE

Ministry of Education, Youth, and Sport (Intern)

National Education Information Portal Project
- **Collaborated on the development of a centralized education information portal, integrating data from 400 schools nationwide.**
- **Designed interactive dashboards to visualize key metrics for schools, teachers, and students, supporting data-driven policy-making.**
- **Drafted user-friendly guidelines for stakeholders to interpret visualizations and utilize the system effectively.**
- **Implemented filtering mechanisms for tailored insights by province, district, and school, enabling granular analysis.**

Research
Anomaly Detection using Channel State Information (CSI)
- **Conducted research on leveraging CSI for detecting unusual activity patterns in wireless networks.**
- **Designed experimental setups to analyze CSI data for identifying potential security breaches.**

EEXTRA-CURRICULAR ACTIVITIES

Data Science Camp   **February, 2024**
- **Participated in Data Science in Cambodia Held by UNIESCO UNITWIN and Handong Global University.**
- **Gained hands-on experience with real-world datasets and projects.**

Techno Innovation Challenge Cambodia   **June 17, 2023 - July 8, 2023**
- **Collaborated with a team to design, build, and pitch an innovative solution to a real-world problem.**

Cloud4Cambodia Bootcamp
- **Participated in a 3-weekend long specialized short-course training program related to AWS services, architecture, and best practices of clound computing organized by USAID**

LANGUAGES

English
French

HABITS & INTERESTS

- **Constantly learning, IOT(Internet of things), Natural language processing, Adventurous, Volleyball.**