





NHIM CHANRENG SEY

Electrical and Electronic Engineer

CONTACT

 nhimchanrengsey@gmail.com

 (+66) 93 837 4440

 Building 488, 18 Phetchaburi Rd, Thanon Phetchaburi, Ratchathewi, Bangkok

SKILLS

DIGITAL ELECTRONIC

Level: Intermediate

AUTODESK FUSION360 (3D Design)

Level: Pre-Intermediate

Embedded System Programming

Level: Advance

Electrical Circuit Design

Level: Pre-Intermediate

MATLAB

Level: Intermediated

Wireless Communication & IoT

Level: Pre-Intermediate

PROGRAMMING (Python, Java, C, C++)

Level: Upper Intermediate

ANDROID STUDIO (App Development)

Level: Pre-intermediate

DOCKER CONTAINER

Level: Pre-intermediate

MACHINE LEARNING & DNN

Level: Pre-intermediate

UX & UI DESIGN

Level: Intermediated

LANGUAGES

KHMER : Mother Tongue

ENGLISH : B2

CHINESE : A2

FRENCH : A1

HOBBIES



Research



Reading



Cycling



Designing



Music



Swimming



EDUCATION

- 2024-2025** : Graduated a Master's Degree of Electrical Engineering at Chulalongkorn University
- 2017- 2022** : Graduated Engineer's Degree of Electrical and Electronic Engineering at Institute of Technology of Cambodia
- 2020 - 2021** : HCIA-Routing & Switching Online Training by HUAWEI Technologies (Cambodia) Co.,LTD.
- 2019 - 2020** : Learning Advance of Electronics and Arduino Programming at Arrowdot Co.,LTD.
- 2014 - 2017** : Graduated Bac II at Bunnanny Hunsen Bati High School



WORK EXPERIENCES

- 2025 January** : **Vice-President of CamCU**
(1 year) Cambodian Student Group of Chulalongkorn University
- 2022 October** : **Teaching Assistant**
(1year) Department of Telecommunications and Network Engineering at Institute of Technology of Cambodia
- 2021 August** : **Research Assistant**
(2 years) Project1: The Prototyping of Smart Compost Bin
Project2: Controller System for Smart Greenhouse
- 2020 August** : **Research Internship**
(6 months) Project: Prototyping of Multi-Parameter Tester for Agricultural Application

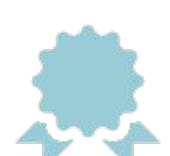
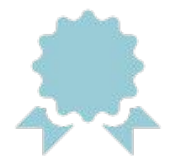
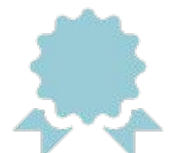


CONFERENCES

- 2023** : **Presenter in 14th ICERD 2023 Conference**
The 14th International Conference on Environmental and Rural Development (14th ICERD)
- 2022** : **Presenter in ICITACEE 2022 Conference**
The 9th International Conference on Information Technology, Computer and Electrical Engineering
- 2021** : **Presenter in the Scientific Day Conference**
The 10th Scientific day of ITC, Enhancement of Engineering Resources for Industry 4.0



PUBLICATION

-  **Experiment on Smart Mushroom Cultivation Using an Environmental Control System**
International Journal of Environmental and Rural Development 2023
-  **Development of Multi-Parameter Tester for Agricultural Application**
DOI: 10.1109/ICITACEE55701.2022.9924030 (Author)
-  **The Prototype of Smart Compost Bin (S-Mush Bin)**
CONFERENCE: The 11th Scientific Day of ITC 2022 (CO-AUTHOR)



REFERENCE

Dr. SRENG Sokchenda
Head Department
Tel: (+855) 12 407 910
Email: sokchenda@itc.edu.kh

Mr. HEL Chanthan
Lecturer & Supervisor
Tel: (+855) 10 847 011
Email: chanthan@itc.edu.kh