



SAMNANG OU

Male, February 05 1994, Phnom Penh,
Cambodia

Personal Strength

- Leadership: Expert
- Communication Skills: Expert
- Project Scheduling: Advanced
- Strategic Planning: Advanced
- Agile and Scrum: Advanced
- Lecturing Skills: Advanced
- Teamwork: Advanced
- Interpersonal Skills: Pre-advanced
- Critical Thinking: Pre-advanced
- Time management: Pre-advanced
- Punctuality: Pre-advanced

CONTACT INFO.

PHONE: (+855) 92 449-871
EMAIL: ousamnangitc@gmail.com
or sou@paragoniu.edu.kh

Skills

Computing:

1. MICROSOFT OFFICE: Advanced
2. PYTHON: Pre-advanced
3. MATLAB: Upper Intermediate
4. MINITAB: Intermediate
5. VBA (Excel) and CPLEX: Intermediate
6. AutoCAD and SOLIDWORKS: Intermediate

Curriculum Vitae

WORK EXPERIENCES

Lecturer and Head of Department, Industrial Engineering Department, Paragon International University, Cambodia Jul/2020–Now

1. Admin work:
 - Curriculum design
 - Part-time instructor recruitment
 - Advertising department
 - Strategic plan for the department
 - Academic and administrative leadership
 - Networking with universities and companies in the region
2. Lecturing courses:
 - Operations research I
 - Production planning and control
 - Introduction to deep learning
 - Operations research II
 - Quality engineering
 - Capstone project (Supervising final year student's thesis)

Research Fellow, AIM-HI, National Chung Cheng University, Taiwan Feb/2020–Jun/2020

Research topic: machining process parameters optimization for multi-axes
CNC turn-mill machine tools

Training: Qualified and passed exam from Center for Taiwan Academic
Research Ethics Education

Teaching assistant and research assistant, SIIT, Thammasat University Jan/2018-Dec/2019

Responsibilities:

- Prepared lab materials for each lab session.
- Provided instruction to students to use computer programs
- Assisted students to complete lab exercises and assignments.
- Helped students to solve problems during and after lab time.
- Performed other miscellaneous job-related duties as assigned.

Course:

- Introduction to Computers and Programming (Python programming)

Languages:

1. Khmer: mother tongue
2. English: excellent
3. Chinese: good
4. French: fairly good

Research Interest/Areas “Logistics and Supply Chain Management”

- Inventory Management
- Quality Control
- Operations Research
- Introduction to Deep Learning
- Data Mining
- Production Planning and Control
- Product Design and Development
- Operations Management
- Supply Chain Management (SCM)
- Logistics and Transportation
- Production Logistics
- Design of Experiments in SCM

Reference

(Available upon request)

Internship student, National Chung Cheng, Taiwan Jun- Jul/2019

Research title of the internship program: Cafe beam supply chain management using AI techniques

Education / Qualifications

Malaysia-Japan International Institute of Technology (MJIT), Universiti Teknologi Malaysia (UTM), Malaysia 2021 – 2024

PhD in Logistics and Supply Chain Management

Sirindhorn International Institute of Technology (SIIT), Thammasat University, Thailand 2017 - 2019

Master of Engineering in Logistics and Supply Chain Systems Engineering

Institute of Technology of Cambodia (ITC), Cambodia 2012 - 2017

Bachelor of Engineering in Industrial Engineering

List of Publications

Bachelor and master theses

1. Bachelor degree thesis: Samnang Ou, Menghuot Phan, Sothea Kruey (2017): Modeling and improvement of auto rickshaw design for Cambodian by applying ergonomic data. Final year's thesis of bachelor degree (2017), 10 July 2017, Institute of Technology of Cambodia (ITC), Cambodia

2. Master degree thesis: Samnang Ou and Warut Pannakkong (2019): Assessment of rooftop solar photovoltaic potential in Thailand: a case study of an industrial estate, final year's thesis of master degree (2019), 22 November 2019, SIIT, Thammasat University, Thailand

International Conference and International Journal

1. Samnang Ou and Warut Pannakkong (2019): Assessment of rooftop solar photovoltaic potential in Thailand: a case study of an industrial estate. In Proceedings of the 7th International Symposium on Integrated Uncertainty in Knowledge Modelling and Decision Making (IUKM2019), 27-30 March 2019, Nara City, Japan, pp. 81-91

2. International Journal:

Samnang Ou and Warut Pannakkong (2019): Hybrid fuzzy inference method and artificial neural network (ANN) for solar rooftop assessment in