**TITH RATANAK**

Address: #112, St. 22, Sangkat Choam Chao,

Khan Dangkor, Phnom Penh

Tel: 078-773-776

Email: tratanak@gmail.com

**Information Technology System Engineer**

**PERSONAL DETAILS**

Date of Birth : 13 March 1983

Place of Birth : Phnom Penh

Marital Status : Married

**EDUCATION**

2009-2011: **Master Degree in Computer Science & Systems Engineering**,

Okayama Prefectural University, Japan

2007-2009: **Bachelor Degree in Information & Communication Engineering,**

Okayama Prefectural University, Japan

2005-2007 : **Associate Degree in Information Processing,**

Computer Nihon Gakuin Technical College, Japan

2004-2005 : **Completed Regular Course of Japanese Language**, Osaka Japanese

Language Education Center, Japan

**SKILLS & QUALIFICATIONS**

* Practical and professional skills on Robot Modeling, Motion Control, Control System, Software Design and Computer Simulation
* Developing Dynamic Website with PHP & MySQL, ASP.NET, C# & SQL SERVER, Developing Database Applications using VB.NET, C#.NET and Ms. SQL SERVER
* Configuring LANs, WANs, VPN, and Network Security
* Configuring RedHat/CentOS Linux Server (DNS, Samba, NFS, Mail, Database, Web Server, Firewall Security IPCOP) and Windows Server (Server Deployment, DHCP, DNS, Active Directory, Print and Fax Services, Network Security ISA, Server Storage, VPN)
* Proficiency of spoken and written communication in English & Japanese

**WORKING AND TECHNICAL EXPERIENCES:**

**Intelligent Robot Laboratory**, Okayama Prefectural University, 2008-2011

* Conducted research on Robot Modeling and Motion Control
* Designed Humanoid Robot
* Developed Dynamic and Systematic Software for Humanoid Robot
* Teaching Assistant of computer programming, physic and mechanic
* Administered examinations of Robot Engineering & Control Engineering
* Prepared research manual, documents, notes
* Graded students reports on above subjects
* Administered network and server in the research laboratory

**Library** of Okayama Prefectural University2010-2011

* Managed all books, magazines, newspaper etc. in University Library
* Handled borrowed and returned documents
* February 2017-present: *Nanitatech Co., Ltd.*, **Project Manager**,Department of Software Development
* Analyze requirement specifications from Japanese Companies in Japan
* Translating and interpreting from Japanese to English and vice versa
* Manage the team and software project through Agile and SCRUM methodology
* Communicating with Japanese clients
* Teaching Japanese classes
* Recruiting staffs
* November 2015-present : *Ministry of Education Youth and Sport*, **Official University Instructor**,Department of Finance
* Installing and configuring Public Financial System
* Administering and maintaining Database of Public Financial System
* Developing Public Financial System
* July 2011-present : *Cambodia University for Specialties*, **Dean and Academic**

**Instructor**, Department of Science & Technology

* Developing Curriculum and Academic Program
* Advising Thesis and Major Report of Master and Bachelor students
* Scheduling the classes for faculties
* Conducting lectures
  + - * Object-Oriented Application Development
      * Software Engineering
      * Information Technology Project Management
      * Linux System Administration (Redhat/CentOS)
      * Database Programming (VB.NET, C#.NET, ASP.NET & SQL SERVER)
      * Object-Oriented Programming in Java, C++
      * Database System with ORACLE, SQL SERVER
      * Computer Networking
      * Network Security
      * Computer Programming in C++
      * Discrete Mathematics
      * Data Structure and Algorithm
      * Management Information System
      * E-Commerce & Applications Development
      * Computer Architecture
      * Major Report Writing
* February 2012-present : *University of Cambodia*, **Academic Instructor**, College of Science and Technology
* Conducting lectures on:
* Database System with Access, SQL SERVER & ORACLE
* Dynamic Web Development using PHP & MySQL
* Advanced Computer Network
* Data Communication & Computer Network
* Network Administrator II (RedHat/CentOS Linux)
* Introduction to Computer Programming in C++
* Data Structure and Algorithm in C++
* Computer Architecture
* Management Information System
* February 2012-present : *Paññāsāstra University of Cambodia*, **Academic Instructor**,

Faculty of Computer Science

* Conducting lectures on:
* System Analysis and Design
* Database System
* Computer Networks
* Introduction to Operating System

**Japanese-English-Khmer Translation & Interpretation Projects**

* ASEAN-Japan Human Resource Development Collaboration
* Research Institute for Cambodia Economic based in Tokyo to CDC and H.E Keat Chhun
* JICA Forum in Yokoyama, Japan Water Works Association
* Skill Promotion and Development Policy, Seminar for Cambodia
* Mine Development Training Course
* etc.,

**HONOR & ACTIVITIES:**

* Scholarship student of Government of Japan
* Scholarship recipient of Rotary Yoneyama Memorial Foundation
* Outstanding research award of The 11th IEEE Hiroshima Student Symposium on “Humanoid Robot’s aerial movement in 4D” at Yamaguchi University, Department of Engineering, Japan, 2009.

**REFERENCES**

* 1. **Dr. Meas Bora, PhD, Professor of Law & Vice Rector**

Cambodia University for Specialties, Tel: 077 777 543

* 1. **Mr. Meas Savunn, Branch Director**

Cambodia University for Specialties, Tel: 017 674 040

* 1. **Mr. Teav Chunnan, Associate Dean**

University of Cambodia, College of Science and Technology, Tel: 077 778 647