

## Contact

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# SINCHOTE KEERATIANANT

## CAREER OBJECTIVE

Mechanical Engineer with registered Thai professional license and experienced in MEP (Mechanical, Electrical and Plumbing) system design in commercial buildings over 3 years. More than 3 years of experience in renewable energy research especially in solar energy and energy efficiency in building. Seeking to permanent full-time work with leverage engineering, economic and management skills with creative thinking and problem solving.

## PERSONAL INFO

Date of Birth	March 23, 1990
Height	174 cm
Weigh	63 kg
Nationality	Thai
Religion	Buddhism
Military Status	Reserve Officer's Training Corps (ROTC)

## EDUCATION

### **2016 – 2019**

Master of Engineering (M.Eng.), Energy Technology and Management (International Program) [GPAX: 3.44]

The Joint Graduate School of Energy and Environment (JGSEE), King Mongkut's University of Technology Thonburi

**Publication Journal:** Cost-effectiveness of solar cooling for office and hypermarket

### **2008 – 2012**

Bachelor of Engineering (B.Eng.), Mechanical Engineering [GPAX: 3.14]

King Mongkut's Institute of Technology Ladkrabang

## SKILLS

Teamwork, Emotional Intelligence, Decision Making, Negotiation

## SOFTWARES

TRNSYS, MS Office, AutoCad, HAP E-20, TRACE700, SketchUp, Matlab, Bluebeam Revu, e-Quest

## HOBBIES

Reading, exercise, watching movies, traveling

## LANGUAGES

Thai	Advanced
English	Good (TOEIC 680)

## PROFESSIONAL EXPERIENCE

### **December 2018 – October 2019**

#### **Assistant researcher**

#### **The Joint Graduate School of Energy and Environment**

- Research on Building Energy Science and Technology laboratory
- Research and conduct the experiment in the daylighting and light shelf system
- Co-ordinate with accountant department, project organizer and lecturer
- Simulate and calculate the energy consumption by BESim program
- Design air-conditioning and ventilation system
- Maintain and inspect the measurement and device in meteorological station
- Co-ordinate with supplier
- Prepare and conduct learning media
- Prepare and conduct the report

### **June 2018 – September 2018**

#### **Mechanical Engineer**

#### **Acumen consulting (Thailand) Co., Ltd.**

- Responsibilities for design Heating, Ventilation and Air-Conditioning system (HVAC) in commercial and industrial buildings
- Calculate chilled and condensate water piping diagram
- Co-ordinate with architecture, civil engineer, electrical engineer, environment engineer including client

#### Major Project

- King Power Mahanakhon

**April 2014 – August 2016**

**Mechanical Engineer**

**Aurecon consulting (Thailand) Co., Ltd.**

- Responsibilities for design Heating, Ventilation and Air-Conditioning system (HVAC) in commercial and industrial buildings
- Co-ordinate with architecture, civil engineer, electrical engineer, environment engineer including client
- Calculate and simulate cooling load and energy consumption in the buildings
- Calculate chilled and condensate water piping diagram

Major Project

- IKEA Wessgate (Bangyai)
- Mega Bangna Plot-H
- UOB New Operation Center Tower A&B
- Apple Office Bangkok
- New Building No.6 of Seagate Manufacturing, Korat

**May 2012 – April 2014**

**Mechanical Engineer**

**Denso (Thailand) Co., Ltd.**

- Responsibilities for design machine and tools for production Automotive parts
- Calculate in mechanical engineering
- Co-ordinate with production engineer, quality assurance, machine and tool making and assembly and client
- Test and demonstrate the machine
- Prepare and conduct the machine's manual
- Inspect and measure the materials

### **CERTIFICATIONS AND AWARDS**

- Business English, New Cambridge Institute
- Healthy Air-conditioning System, EEC ACADEMY
- Selection and calculation humification control system in Air-conditioning system, EIT
- EQ for values and successful working life Certificate, IDEAL INNOVATION
- Grammar for better english-II, Language Institute Thammasat University
- Master's degree scholarship, JGSEE
- Meditation course, Wat Yannawa
- Chang Young Engineer, NAWAPLASTIC