

Thanaphon Supha-asawaphokhin

My Previous last name's "Boonsanpol"

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EDUCATION

- 2012 - 2014 **Master of Engineering, Major in Computer Engineering and Telecommunication**
Dhurakij Pundit University, Bangkok
- Master's Thesis: Application of Genetic Algorithm in Maritime Force Composition: Case study in Humanitarian Assistance and Disaster Relief Operations
 - Final Grade: 3.50/4.00
- 2008 - 2011 **Bachelor of Engineering, Major in Computer Engineering**
Dhurakij Pundit University, Bangkok
- Bachelor's Thesis: Interactive Humanoid-Like Robot
 - Pre-project: iNexus Robot (A.N.T.Z. Robotics Competition at AIT)
 - Final Grade: 3.34/4.00 (2nd class honors)
- 2003 - 2006 **Vocational Certificate's Degree, Major in Electronics**
Phuket Technical College, Phuket
- Final Grade: 3.52/4.00

FIELD OF INTERESTS

Artificial Intelligence, Robotics, Embedded Systems, Internet of Things, Image Processing, Android Development

PUBLICATIONS

Thanapon Boonsanpol and Narongdech Keeratipranon, "Application of Genetic Algorithm in Maritime Force Composition: Case Study in Humanitarian Assistance and Disaster Relief Operation", The 10th National Conference on Computing and Information Technology (NCCIT 2014), Phuket, Thailand, 674-680.

AWARDS AND SCHOLARSHIPS

- 2015 **Dhurakij Pundit University's Plaque**
- A recognition award for a student who provided social services and contributions to enhance the university's reputation.
- 2011 **Champion of ABU Asia-Pacific Robot Contest**
- Loy Krathong, Lighting Happiness with Friendship Theme
 - Look Jao Mae Klong Prapa "THE LIMITED" Team
- 2011 **Funded Research for Senior Project in the YSTP Project**
- Young Scientist and Technologist Programme (YSTP)
 - Sponsored by National Science and Technology Development Agency
 - Topic: Semi-Humanoid Robot for Patient Assistant and Public Relation Controlled via Wireless LAN
- 2010 **Best Design Award, iNexus Thailand Robot Contest**
- The A.N.T.Z. competition was demonstration of Swarm Robotics, a new approach to the coordination of fully autonomous multi-robot systems at the Asian Institute of Technology (AIT)
- 2010 **Representative of the Engineering Department in the Best Student Award, Dhurakij Pundit University**

- 2009 - Representative of Engineering Faculty
Champion in the Robot Camp at the Department of Computer Engineering, Dhurakij Pundit University
- Line Following Robot

WORK EXPERIENCES

- Aug, 2016 – Present **Research Assistant (Non Payroll Researcher)**
National Electronics and Computer Technology Center (NECTEC), Phatumthani
- Research Assistant in *Rehabilitation and Assistive Technology Laboratory*.
- Developed a Game-based Neurofeedback Cognitive Training for the Elderly System.
- Feb, 2016 - Aug, 2016 **Software Consultant**
Cyber Tour Phuket Company Limited, Phuket
- Developed a Tourism Management System.
- Aug, 2015 - Feb, 2016 **Part-time Lecturer**
Computer Engineering Department, Prince of Songkla University, Phuket
- VLSI Design
- Computer Engineering Hardware Laboratory I & II
- Aug, 2014 - Dec, 2014 **Full-time Lecturer**
Computer Engineering Department, Dhurakij Pundit University, Bangkok
- Electric Circuits for Computer Engineering
- Discrete Mathematics
- Digital and Microcontroller
- Digital and Microcontroller Laboratory
- Apr, 2013 - Dec, 2014 **Field Application Engineer**
Venus Supply Company Limited, Bangkok
- Provide technical support for the customer of company about the product selling.
- Technical documents.
- Jun, 2012 - Feb, 2013 **Co-Researcher**
National Electronics and Computer Technology Center (NECTEC), Phatumthani
- Co-Researcher in Rehabilitation and Assistive Technology Laboratory.
- Developed a robot-assisted systems for rehabilitation.

REFERENCES

Mr.Narongrat Srimee
Engineer Manager

Asst.Prof.Dr.Narongdech Keeratipranon
Professor/Supervisor

Mr.Suwicha Jirayucharoensak
Senior Researcher

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