none

Khongprasongsiri Chanon

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EDUCATION

KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI
BEng in Electronic Engineering
Expected Dec 2018 | Bangkok, Thailand
Cum. GPA: 2.97

PATHUMTHEPWITTAYAKARN SCHOOL
Grad. May 2014| Nong Khai, Thailand

LINKS

Github:// **chanontonmai**
LinkedIn:// **chanontonmai**
YouTube:// **Chanon Khongprasongsiri**

COURSEWORK

UNDERGRADUATE
Computer Vision
Multimedia Processing
Digital System Implementation
Digital Circuit and Logic Design
(Research Asst. & Teaching Asst)
Unix Tools and Scripting

SKILLS

- Quickly adapting to new programming language and variety of application

PROGRAMMING
Over 2000 lines:
C • C++ • VHDL • Matlab
Python • LaTeX

HARDWARE ECPERIENCE
Over 400 hours:
Zynq • ARM • Arduino • Raspberry Pi

SUMMARY

I came from Nong Khai, the province in north-east of Thailand. At first, when I was in high school, I have a dream to be design engineer. Then I was undertaking to study electronic engineer at KMUTT. Time passthrough whenever study, I attended the TESA Topgun rally which is my first experience with electronic and I was very motivated there. Now I am interested in FPGA application for high performance and low power hardware architecture and application design methodology with intelligent algorithmic system.

EXPERIENCE

TOYOTA TSUSHO NEXTY ELECTRONIC THAILAND | FPGA Hardware Engineer Intern
une 2017 – Nov 2017 | Bangkok, Thailand

- Develop the very high speed lane algorithm FPGA based.

RESEARCH

VDESI LAB | Undergrad Researcher
Dec 2017 – Present | Bangkok, Thailand
Worked with C. Teerasak and Prof Pinit Kumhom to deal PlanIt, with the way that accelerating the algorithm by using hardware and software codesign methodology and the develop the algorithm for classroom learning improvement and evaluating .

PROJECT / AWARDS

THE GPBL BETWEEN KMUTT AND SIT
Dec 2016 - Mar 2017 | Bangkok, Thailand and Tokyo, Japan
The gPBL is the co-project between King Mongkut's University of Technology Thonburi and Shibaura Institute of Technology, Japan.

THE WINNER AT AMAS-MBD 2016
Feb 2017 | Bangkok, Thailand
AMAS (Annual Student Meeting in Automotive Embedded System) is the activity about automotive model base design using Matlab and Simulink which is support by Toyota Tsusho Electronics Thailand.

ATTENDING IN TESA TOP GUN RALLY 2016
Jan 2016 | Chiang Rai, Thailand
TESA is stand for Thailand Embedded System Association which is a developer's network for electronic design industry. Top Gun Rally is 5- day hands on technical skills development camp.

STUDY ABROAD AT AUCKLAND, NEW ZEALAND
Jun 2015 | Auckland, New Zealand
Study English at The University of Auckland English Language Academy.

PUBLICATION

K. Chanon, K. Pinit, S. Watcharapan, C. Teerasak, C. Surachate and I. Masami, "A Hardware Implementation for Real-Time Lane Detection using High-Level Synthesis," 2018 International Workshop on Advanced Image Technology (IWAIT), Chiang Mai, Thailand, 2018.