

# Watchanan Chantapakul

[Online] [tmwatchanan.github.io](https://tmwatchanan.github.io)  
+66 97 210 3214 | [tmwatchanan@gmail.com](mailto:tmwatchanan@gmail.com)

## EDUCATION

### CHIANG MAI UNIVERSITY

B.ENG. (HONS)

#### COMPUTER ENGINEERING

Aug 2014 - Jun 2018

Chiang Mai, Thailand

Cum. GPA: 3.88 / 4.00

## LINKS

Github: [tmwatchanan](https://github.com/tmwatchanan)

Twitter: [@WatchananC](https://twitter.com/WatchananC)

Medium: [Watchanan Chantapakul](https://medium.com/@WatchananC)

LinkedIn: [Watchanan Chantapakul](https://www.linkedin.com/in/watchanan-chantapakul)

## COURSEWORK

### UNDERGRADUATE

Intro to Computational Intelligence

Machine Vision

Natural Language Processing

Network and Information Security

Engineering Stochastic Processes

Software Project Management

Computer-aided Manufacturing

Data Mining

Personal Software Process

Parallel Processing & Distributed

Systems

[Teaching Assistant]

Computer Programming

## SKILLS

### PROGRAMMING

Languages/Scripts

Javascript • Python • C • C++ • C#

MATLAB • Java • PHP • SQL •  $\text{\LaTeX}$

Swift • HTML • CSS • AutoIt

Frameworks:

Express.js • Vue.js • Laravel

Technical:

Vim

Operating Systems:

Linux (main) • Windows • Android

Languages:

Thai - mother tongues

English - upper intermediate

TOEFL - 89/120

## EXPERIENCE

### GOOGLE PRODUCTS FORUM (THAILAND) | SILVER PRODUCT

EXPERT

Aug 2017 - Present | Thailand

- Share knowledge about Google products
- Help contributing solutions to a wide range of issues

### ACCENTURE | INTERN

May 2017 - Jul 2017 | Bangkok, Thailand

- Learnt the professional firm's frameworks
- Used data analysis techniques to produce sales promotion

### COMPUTER ENGINEERING DEPARTMENT | CHAIRMAN OF

COMPUTER ENGINEERING STUDENTS

Sep 2014 - Mar 2018 | Chiang Mai, Thailand

- Organized meetings and activities for the computer engineering students
- Coordinated between students and teachers

### NECTEC NORTHERN REGION LEARNING DISABILITY (LD)

SOFTWARE TRAINING CAMP | STAFF

Jun 2016 - Oct 2016 | Chiang Mai, Thailand

- Taught students with LD and their teachers to use language assistance software
- Implemented a software for automating routine tasks
- Prepared software, tablets, and equipment used in training

## PROJECTS

### PERSON IDENTIFICATION BASED ON BODY MOVEMENT

SENIOR PROJECT

August 2017 - March 2018 | Computer Engineering Student

- Used full-body movement as a biometric to identify a person
- Implemented fuzzy & multi-prototypes clustering technique

### SAMOONPRAI THAI | AIROBIC2018

Jul 2018 - Aug 2018

- Developed a chatbot application on Facebook Messenger Platform
- Used deep-learning, NLP, NLU

Jan 2018 - Jul 2018 Course 261102's Automatic Lab Checker

Nov 2017 Fuzzy Control for Robot Navigation

Oct 2016 - Feb 2017 Smart Bib Number Identification

Dec 2017 - Jan 2017 Cumulative GPA Calculator for CMU Students

## HONORS & AWARDS

2018 1st Runner-up, AI and Robotics Innovation Contest 2018

2014-2017 Certificate of Excellent Academic Performance  
(GPA 3.70, 3.89, 3.96, and 4.00)

2017 Honorable Mention, 10th Thailand's Network Security Contest

2017 1st Runner-up, 19th National Software Contest, Thailand

2014-2016 Excellent Academic Performance Scholarships

2016 Honorable Mention, ACM-ICPC Thailand Northern Region Contest