

Chawit Leosrisook

MSc ARTIFICIAL INTELLIGENCE AND ADAPTIVE SYSTEMS · BEng ROBOTICS ENGINEERING

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Summary

Master's degree student in artificial intelligence with background in robotics engineering; experienced in a broad range of engineering topics including embedded systems, machine learning, and industrial automation. Proficient coder and fast learner, with skills in data visualization and self-trained in good software engineering practices. Fluent speaker of Thai, English, and Japanese, with brief part-time work experience as a technical Japanese-Thai interpreter.

Education

University of Sussex

Brighton, United Kingdom

M.Sc. ARTIFICIAL INTELLIGENCE AND ADAPTIVE SYSTEMS (Formerly, Intelligent and Adaptive Systems)

Sep. 2019 - Sep. 2020 (Expected)

- Expected degree: First
- Studying various AI techniques including machine learning and natural language processing, as well as general topics such as image processing and industrial automation.
- Dissertation topic to work on autonomous robotic navigation algorithm.

Nippon Institute of Technology

Saitama, Japan

B.Eng. ROBOTICS ENGINEERING (Formerly, Innovative Systems Engineering)

Mar. 2015 - Feb. 2018

- Dissertation topic on using evolutionary computation techniques to automatically generate and verify circuits with FPGAs.

Salt Lake Center for Science Education

Salt Lake City, Utah, USA

PAX ACADEMIC EXCHANGE PROGRAM

Aug. 2012 - Jun. 2013

- 1-year academic exchange program in USA.
- Competed in the 2012 FIRST robotics competition with the local school team.

Satit Bilingual School of Rangsit University

Pathumthani, Thailand

PRIMARY & SECONDARY EDUCATION

2002 - 2014

Skills

Programming C/C++, MATLAB, Python, JAVA, Verilog HDL

Front End HTML5, CSS, JavaScript, Bootstrap 4, React

Toolkits Matplotlib, Numpy, Pandas, Scikit-Learn, Tensorflow, OpenCV

PLC Siemens, Mitsubishi, Delta

Miscellany git, makefile, markdown, LaTeX

Languages Thai (Native), English (Native), Japanese (Fluent)

Language Qualifications IELTS (Band 8.5), TOEIC (990), JLPT (N1), Kogyo-Eiken Technical Japanese-English Translation (Level Pre-2)

Extracurricular Activity

Personal Portfolio Website

Brighton, UK

MIMOGA.GITHUB.IO

Mar. 2020

- Personal code showcase, made using Bootstrap 4.4 and React

System Integration Designer Course

Bangkok, Thailand

CHULALONGKORN UNIVERSITY

Apr. 2019 - Aug. 2019

- Part-time system integration training course, regarding automation in industry.
- Topics included: PLC programming, actuators & sensors in industry, and overall system integration designs.

Robot Lancer Competition

Saitama, Japan

ROBOTIC COMPETITION

2019

- Using optimizing neural networks with genetic algorithms, to drive a remote-control car.
- Programmed onto an embedded STM32 Nucleo system.

Provincial Head of Thai Students

THAI STUDENT'S ASSOCIATION IN JAPAN

Saitama, Japan

Feb. 2017 - Feb. 2019

- Head of Thai students studying in Saitama, Japan.
- Worked to organize local student events and relaying communications between students and embassy.

Coursera Stanford Machine Learning Course

ONLINE MACHINE LEARNING COURSE

Japan

Aug. 2017

- Completed the machine learning online course.
- Gained basic knowledge of machine learning techniques.

Work Experience

Federation of Thai Industries

FREELANCE TECHNICAL THAI-JAPANESE INTERPRETER

Japan

2017 - 2018

- Worked as technical Thai – Japanese interpreter on multiple occasions for business delegations from the Federation of Thai Industries; including, interpretations at Japan Food Expo 2018, business meetings in Hokkaido, and live presentation interpretations at the Asia Logistics Forum 2018.
- Translation topics focused mainly on manufacturing, engineering, logistics, automation, and general business discussions.