SONGWONG TASNEEYAPANT

CONTACT INFORMATION
1323 W Dayton St #303, Madison, WI, 53715
tasneeyapant@wisc.edu ▪ (617) 510-2574

EDUCATION

University of Wisconsin-Madison   May, 2019
B.S. in Computer Science
Current Cumulative Undergraduate GPA: 3.96 / 4.00

EXPERIENCE

Human-Computer Interaction Laboratory, University of Wisconsin-Madison
Undergraduate Research Assistant (December, 2016 – Present)
- Refine a controlling program of Minnie, a reading companion robot for children using C++ and JSON with RaspberryPi

Department of Computer Engineering, Mahidol University International, Thailand
Undergraduate Research Assistant (June, 2016 – August, 2016)
- Implemented a traffic data visualizer and an anomaly detecting algorithm using Python with a main purpose of creating real-time traffic reporting program
- Mentored by Dr. Sunsern Cheamanunkul

Thailand Olympiad in Informatics **Training Sessions**
- The training sessions selecting top 20 students from all over the country to train complex programming skills and compete for being one of the four Thailand's candidates to participate in the International Olympiads in Informatics
- Participated in the training sessions learning computer science courses equivalent to college's courses. See courses in the coursework section.

Connect Four Game
- Designed Connect Four bot with C++ language to compete among other participants' bot, mainly using Minimax to implement the code
- Learned how to practically use Alpha-Beta pruning in a program

HONORS AND AWARDS

- ACM-ICPC World Finalist, Phuket, Thailand (2016)
- *1st Place* (2016), *1st Place* (2015) ACM International Collegiate Programming Contest North Central North America Regional, in a team representing UW-Madison
- Silver Medal, *Thailand Olympiad in Informatics* (2009)

COURSEWORKS

University of Wisconsin-Madison   Madison-WI
- CS577 Introduction to Algorithms
- CS559 Computer Graphics
- CS520 Introduction to Theory of Computing

Thailand Olympiad in Informatics **Training Sessions**   Bangkok-THA
- Advanced Data Structures and Algorithms
- Introduction to Machine Learning

COMPUTER SKILLS

Programming Language: - Proficient: C/C++, Python
                        - Familiar: Java, JavaScript, SQL

Platform: - MacOS, Windows, Linux