COLLEGE OF COMPUTING
Prince of Songkla University Phuket Campus

PERSONAL DATA

Name : DR. KITTASIL SILANON

Position : อาจารย์

Email : kittasil.s@phuket.psu.ac.th

Phone : 66(0) 7627 6560

ORCID : 0000-0001-9362-838x

PUBLICATIONS SUMMARY

3	9	1
International Journal	International. Proceedings	Research Grants

Total Publications: 13

EDUCATION

Ph.D. Degree มหาวิทยาลัยสงขลานครินทร์
Prince of Songkla University

Master Degree มหาวิทยาลัยสงขลานครินทร์
Prince of Songkla University

Bachelor Degree มหาวิทยาลัยสงขลานครินทร์
Prince of Songkla University

RESEARCH INTERESTS

Previous work :
Thai Fingers-Spelling Recognition
Thai Sign Language CAI

Computer Vision

Image Processing

Pattern Recognition

TEACHING

240-101 Introduction to Computer Programming

242-212 Probability and Statistics

976-121 Statistical Method

240-201 Computer Engineering Software Laboratory I

977-370 Special topic in software engineering I (python website developer)

977-390 Workshop III (Mobile Application Development with Flutter Framework)

977-358 Digital Technology for Medical Innovation

977-121 MODULE: Website Design and Development

977-112 Database Systems

977-200 Linear Algebra for Engineering

INTERNATIONAL JOURNAL ARTICLES

Kittasil Silanon, Kullawat Chaowanawatee, and Thitinan Kliangsuwan, "Thai Amulet Recognition using Vision Transformers" Songklanakarin Journal of Science and Technology (SJST), 46(2), 226–233, Mar-Apr 2024.

🔗 *https://sjst.psu.ac.th/article.php?art=3139*

📅 *3/2024*   🏷 *Artificial Intelligence*

Kullawat Chaowanawatee, Kittasil Silanon and Thitinan Kliangsuwan, "Thai Finger-Spelling using Vision Transformer" International Journal of Advanced Computer Science and Applications(IJACSA), 14(11), 2023. doi:10.14569/IJACSA.2023.0141135

🔗 *https://thesai.org/Publications/ViewPaper?Volume=14&Issue=11&Code=IJACSA&SerialNo=35*

📅 *12/2023*   🏷 *Artificial Intelligence*

Kittasil Silanon:

Thai Finger-Spelling Recognition Using a Cascaded Classifier Based on Histogram of Orientation Gradient Features. Comp. Int. and Neurosc. 2017: 9026375:1-9026375:11 (2017)

🔗 *-*

📅 *1/2017*

INTERNATIONAL PROCEEDINGS

K. Silanon and N. Lertchuwongsa, "A Novel Classification Layer Technique for ASL Analysis Using CNN," *2023 20th International Joint Conference on Computer Science and Software Engineering (JCSSE)*, Phitsanulok, Thailand, 2023, pp. 118-122, doi: 10.1109/JCSSE58229.2023.10202089.

🔗 *https://ieeexplore.ieee.org/document/10202089*

📅 *8/2023*   🏷 *Artificial Intelligence*

K. Chaowanawatee, K. Silanon and T. Kliangsuwan, "Phuket Landmark Recognition using Fine-Tuned Convolutional Neural Network," *2022 13th International Congress on Advanced Applied Informatics Winter (IIAI-AAI-Winter)*, Phuket, Thailand, 2022, pp. 257-261, doi: 10.1109/IIAI-AAI-Winter58034.2022.00057.

🔗 *https://ieeexplore.ieee.org/document/10123623*

📅 *12/2022* 🏷 *Artificial Intelligence*

K. Kaewwongsri and K. Silanon, "Design and Implement of a Weather Monitoring Station using CoAP on NB-IoT Network," *2020 17th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)*, Phuket, Thailand, 2020, pp. 230-233, doi: 10.1109/ECTI-CON49241.2020.9158290.

📅 *7/2020*

W. Nittaya, K. Wetchasit and K. Silanon, "Thai Lip-Reading CAI for Hearing Impairment Student," *2018 Seventh ICT International Student Project Conference (ICT-ISPC)*, Nakhonpathom, 2018, pp. 1-4.
doi: 10.1109/ICT-ISPC.2018.8523956

🔗 *https://ieeexplore.ieee.org/document/8523956*

📅 *7/2018* 🏷 *Media Studies*

Kittasil Silanon ; Nikom Suvonvorn
Fuzzy finger shapes and hand appearance features for Thai letter finger spelling
2017 14th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI-CON)

📅 *1/2017*

Kittasil Silanon
Thai Finger-Spelling Computer-Assisted Instruction for Hearing and Speaking Impaired Children
i-CREATe 2016 Proceedings of the international Convention on Rehabilitation Engineering & Assistive Technology
Article No. 5

📅 *1/2016*

Kittasil Silanon, Nikom Suvonvorn:
Finger-spelling recognition system using fuzzy finger shape and hand appearance features.DICTAP 2014: 419-424

📅 *1/2014*

Kittasil Silanon, Nikom Suvonvorn:
Fingertips Tracking Based Active Contour for General HCI Application. DaEng 2013: 309-316

📅 *1/2013*

Kittasil Silanon, Nikom Suvonvorn:
Real Time Hand Tracking as a User Input Device. KICSS 2010: 178-189

📅 *1/2010*

RESEARCH GRANTS

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COLLEGE OF COMPUTING
Prince of Songkla University Phuket Campus
80 M.1 Vichitsongkram Road Kathu, Phuket 83120
Email: coc@phuket.psu.ac.th
Website: computing.psu.ac.th