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Education

- 2016 DOCTOR OF PHILOSOPHY, COMPUTER SCIENCE, STONY BROOK UNIVERSITY, UNITED STATES
- 2008 MASTER OF SCIENCE, COMPUTER SCIENCE, THE UNIVERSITY OF TOKYO, JAPAN
- 2004 BACHELOR OF ENGINEERING, COMPUTER ENGINEERING, CHULALONGKORN UNIVERSITY, THAILAND

Publications

Peer-Reviewed Journal Articles

"Learning Visualizations by Analogy: Promoting Visual Literacy through Visualization Morphing", IEEE Transactions on Visualization and Computer Graphics, 21(9) : 1028-1044, Sep.2015, (Ruchikachorn, P., Mueller, K.).

"SketchPadN-D: WYDIWYG Sculpting and Editing in High-Dimensional Space", IEEE Transactions on Visualization and Computer Graphics, 19(12) : 2060-2069, Dec.2013, (Ruchikachorn, P.).

"Using Propositional Logic for Requirements Verification of Service Workflow", IEEE Transactions on Industrial Informatics, 8(3) : 639-646, Aug.2012, (Viriyasitavat, W., Ruchikachorn, P., Martin, A.).

Peer-Reviewed Academic/Professional Meeting Proceedings

"A Case Study of Data Visualization and Storytelling Workshop for Middle School Students"2020 IEEE Pacific Visualization Symposium (PacificVis)Jun.2020, (Ruchikachorn, P., Duangklad, P., Ruangdej T.).

"A Case Study of Open Data Visualization System for Government Transparency in Thailand"2019 IEEE Pacific Visualization Symposium (PacificVis)Apr.2019, (Ruchikachorn, P., Suveeranont, R., Luangaroonlerd, T.).

"A Study and Design of Transit Map based on Visual Perception"2019 IEEE Pacific Visualization Symposium (PacificVis)Apr.2019, (Kiratiwiriyaorn, C., Ruchikachorn, P.).

"TPMAP: A Data Analytics and Visualization Platform to Support Thailand Target Poverty Alleviation Programs"2019 IEEE Pacific Visualization Symposium (PacificVis)Apr.2019, (Surasvadi, N., Ruchikachorn, P., Siripanpornchana, C., Thajchayapong, S., Plangprasopchok, A.).

Publications

- "The Study of Brand Logo Features: Comparisons Between Fast Moving Consumer Products and Durable Products"40th International Academic Conference, Stockholm Jun.2018, (Unahanandh, S., Wattanasupachoke, T., Rattanawicha, P., Ruchikachorn, P.).
- "An Eye-Tracking Study on Sparklines within Textual Context"EuroVisMay.2018, (Ruchikachorn, P., Rattanawicha, P.).
- "Case Studies of Shareable Personal Map Visualization"EuroVis 2018May.2018, (Ruchikachorn, P.).
- "Distraction During Online Business Form Filling: An Eye Tracking Exploration"The 2018 International Conference on Business Management Research (IBMRC 2018) Nov.2018, (Tangmanee, C., Ruchikachorn, P.).
- "Online Forms: An Eye Tracking Exploration into Fixation across Three Label Alignments"2018 22nd International Computer Science and Engineering Conference (ICSEC)Nov.2018, (Tangmanee, C., Ruchikachorn, P.).
- "The effect of pitch and tempo of background music on the time perception of time progression"The 2017 Technology Innovation Management and Engineering Science international conference (TIMES-iCON2017) Nov.2017, (Petchruk, P., Ruchikachorn, P.).
- "Watson-Aided Non-Linear Problem-Oriented Clinical Visit Preparation on Tablet Computer"Proc. of IEEE VIS 2014 Workshop on Visualization of Electronic Health RecordsNov.2014, (Ruchikachorn, P., Liang, J. J., Devarakonda, M., Mueller, K.).