

**PURIPANT RUCHIKACHORN**

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[puripant.github.io](https://puripant.github.io)

**PROFESSIONAL EXPERIENCE**

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- Assistant Professor* *Jun 2009 – Jul 2010 & July 2016 – Present*
- Department of Statistics, Chulalongkorn Business School,  
Chulalongkorn University, Bangkok, Thailand
- Taught courses and conducted research in information visualization, visual computing, data analytics, and human-computer interaction.
- Co-founder* *Aug 2013 – Present*
- Boonmee Lab Co. Ltd. & Punch Up Co. Ltd., Bangkok, Thailand
- Oversaw and developed user-centered and data-oriented projects, including data storytelling pieces. Other notable projects include [Oho Chat](#) and [WeVis](#).
- Research Intern* *Jun 2014 – Aug 2014*
- IBM Thomas J. Watson Research Center, Yorktown Heights, New York
- Developed a tablet user interface for physicians to overview necessary medical information of each clinical visit with IBM Watson. Wrote and presented a paper in a related workshop.
- Research Assistant* *Mar 2004 – Sep 2004*
- Computer Graphics and Computer Imaging Laboratory, Department of Computer Engineering,  
Chulalongkorn University, Bangkok, Thailand
- Conducted surveys and studies on various medical-related topics such as brain segmentation and biometrics.
- Research Intern* *Mar 2003 – Jun 2003*
- RDC-1: Geographical Information System (GIS),  
National Electronics and Computer Technology Center (NECTEC), Bangkok, Thailand
- Worked on 3D surface reconstruction from geographical information system (GIS) data of ancient temples in Ayutthaya historical park (a UNESCO World Heritage Site).

**SCHOLARLY SERVICES & AWARDS**

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|---|---------------------|
| PacificVis Organizing Chair   | 2019                |
| PacificVis Poster Co-chair  | 2018                |
| Symposium on Visualization (SIGGRAPH Asia) Co-chair                       | 2017                |
| The International Fulbright Science & Technology Award                    | Aug 2010 – Jul 2013 |
| The Japanese Government (Monbukagakusho—MEXT) Scholarship                 | Apr 2006 – Sep 2008 |
| Gold Medal in Computer Engineering and King Bhumibol Prize in Engineering | Mar 2004            |

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## EDUCATION

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*Doctor of Philosophy (Computer Science)*

*Aug 2010 – May 2016*

Visual Analytics and Imaging (VAI) Lab, Department of Computer Science,  
Stony Brook University, Stony Brook, NY

*Dissertation:* visualizations as tools for multidimensional data: 1) as canvas to generate and edit a dataset, 2) as key frames to teach themselves, and 3) as storyboard scenes to tell a data story.

*Master of Science (Computer Science)*

*Oct 2006 – Sep 2008*

User Interface Research Group (Igarashi Laboratory), Department of Computer Science,  
The University of Tokyo, Tokyo, Japan

*Thesis:* a sketch-based modeling method with interactive physical simulation to design knots (self-occluded 3D configurations of linear deformable objects) as drawn on paper.

*Bachelor of Engineering (Computer Engineering)*

*Jun 2000 – Mar 2004*

Computer Graphics and Computer Imaging (CGCI) Laboratory, Department of Computer Engineering,  
Chulalongkorn University, Bangkok, Thailand

*Senior Project:* a peg-free hand geometry biometric verification system from off-the-shelf hardware such as commercial flatbed scanner.

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## SELECTED PUBLICATIONS

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W. Sriswasdi, P. Banjong, and P. Ruchikachorn, “Good News or Bad News First: Bias from Visualization Sequences,” IEEE VIS 2023 Posters, Melbourne, Australia, 22-27 October 2023.

P. Ruchikachorn and N. Supavong, “Exploring Handmade Soap as a Visualization Medium,” PacificVis Posters, Tianjin, China, 19-22 April 2021.

S. Songsakulkiat and P. Ruchikachorn, “Familiarity vs. Correctness: Arcs and Angles in Sunburst Charts,” PacificVis Posters, Tianjin, China, 19-22 April 2021.

P. Ruchikachorn, “Applying Uncommon Visualizations to Government Dashboards,” IVAPP 2021. [Best Poster Award]

P. Ruchikachorn, P. Duangklad, and T. Ruangdej, “A Case Study of Data Visualization and Storytelling Workshop for Middle School Students,” PacificVis Posters, Tianjin, China, 2020. [Honorable Mention Award]

P. Ruchikachorn, R. Suveeranont, and T. Luangaroonlerd, “A Case Study of Open Data Visualization System for Government Transparency in Thailand,” PacificVis Posters, Bangkok, Thailand, 2019.

N. Surasvadi, P. Ruchikachorn, C. Siripanpornchana, S. Thajchayapong, and A. Plangprasopchok, “TPMAP: a Data Analytics and Visualization Platform to Support Thailand Target Poverty Alleviation Programs,” PacificVis Posters, Bangkok, Thailand, 2019.

P. Ruchikachorn and P. Rattanawicha, “An Eye-Tracking Study on Sparklines within Textual Context,” EuroVis Posters, Brno, Czech Republic, 2018.

P. Ruchikachorn and K. Mueller, “Learning Visualizations by Analogy: Promoting Visual Literacy through Visualization Morphing,” IEEE Transactions on Visualization and Computer Graphics, vol. 21, no. 9, 2015.

P. Ruchikachorn, J. J. Liang, M. Devarakonda, and K. Mueller, “Watson-Aided Non-Linear Problem-Oriented Clinical Visit Preparation on Tablet Computer,” Visualizing Electronic Health Record Data (EHRVis), IEEE VIS Workshop, Paris, France, 2014.

B. Wang\*, P. Ruchikachorn\*, and K. Mueller, “SketchPad<sup>N-D</sup>: WYDIWYG Sculpting and Editing in High-Dimensional Space,” IEEE Transactions on Visualization and Computer Graphics, vol. 19, no. 12, 2013.