Natsuda Kaothanthong

Curriculum Vitae

Contact

Tokuyama Laboratory, Graduate School of Information Sciences,

Tohoku University

Aramaki aza Aoba 6-3-09, Aoba-ku Sendai-city Miyagi-pref. 980-8579, Japan

Tel.: +81 (0)22-795-4747

E-mail: natsuda@dais.is.tohoku.ac.jp

Research Interests

Computer Vision: Image segmentation, Image retrieval, Shape representation

Data Mining: Information retrieval, Search data structure

Computation Geometry: Shape matching, Shape approximation

Education

04/2011 – 03/2014 **Ph.D., Information Sciences**

Dissertation: Image Retrieval System using Computational Geometry

Graduate School of Information Sciences, Tohoku University, Miyagi, Japan

Advisor: Prof. Takeshi Tokuyama

04/2009 – 03/2011 **M.S., Information Sciences**

Graduate School of Information Sciences, Tohoku University, Miyagi, Japan

06/2004 – 03/2008 **B.S., Sciences**, (1st Class) Information Technology,

Sirindhorn International Institute of Technology, Thammasat University,

Pathum Thani, Thailand

Academic and Professional Experience

04/2012 – 03/2014 **Research Fellows**

The Japan Society for the Promotion of Science (JSPS)

04/2011 – 03/2012 **Research Assistant**

Center of Education and Research for Information Electronics Systems

Tohoku University Electro-Related Departments Global COE Program

04/2010 – 03/2013 **Teaching Assistant** for Undergraduate Courses

Graduate School of Information Science, Tohoku University, Japan

Subject: Computer Fundamentals (4 classes in total)

Content: Programming (Languages: C and Basic)

04/2013 – 03/2014 **Teaching Assistant** for Graduate Courses

> Graduate School of Information Science, Tohoku University, Japan
>
> Subject: Advanced Seminar on System Information Sciences A
>
> Content: Data Mining and Computational Geometry

03/2007 – 05/2007 **Internship**

> Accenture (Thailand) Co., Ltd. Bangkok, Thailand

Academic Collaborations

01/2012 **Visiting Research Student**

> Institute of Theoretical Informatics, KIT, Karlsruhe, Germany

12/2011, **Visiting Research Student**

09/2010 Department of Computer Science and Engineering, POSTECH, Pohang, Korea

07/2010 **Representative** of Tohoku University at the Pacific Rim Summer School in Global Distributed Software Development, Beijing, China

> Sponsored by the University of Oregon, Peking University and the National Science Foundation

Honor and Awards

12/ 2011 Best Presentation Award

> The 4th Thailand-Japan International Academic Conference.

05/ 2008 Academic Excellent Award, Thammasat University

Fellowship and Scholarship

04/2012 – 03/2014 Japan Society for the Promotion of Science (JSPS) Fellowship

10/2008 – 03/2010 Monbukagakusho Scholarship, ASIST Program.

2006 SIIT Scholarship

Skills

- **Languages:**
  Thai (native), English (fluent), Japanese (fair)

- **Programming Languages:**
  C, C#, MATLAB, Basics, Java