

# mintraruensuk

senior software engineer / university lecturer

## contact

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## languages

english fluency  
thai mother tongue

## programming & technology

♥ Ruby on Rails  
♥ Vanilla JavaScript  
♥ Java  
Grails  
PHP  
CSS3, HTML5  
Backbone.js / React  
RSpec, Cucumber  
Robot Framework  
♥ D3  
Android  
Cordova  
Bootstrap  
WordPress  
Kinect  
ROS  
Unity  
CLI

## education

- 2010–2012 **Masters** of Science (Computer Science) Asian Institute of Technology  
Specialize in Software Engineering  
*Voice, Gesture, and Web Interfaces for Human-Robot Interaction in Service Environments*  
This thesis explored how human can interact with robot from various interfaces using Kinect technology with Robot Operating System
- 2005–2009 **Bachelor** of Science (Information Technology) Mahanakorn University of Technology  
*Information Technology Jobs Matching By Groovy on Grails*

## experience

- 2016–Now **Thammasat University** Pattaya, Thailand  
*Visiting Lecturer*  
Responsible for teaching the Mobile Device Application Development course.
- 2016–Now **Hitachi Power Tools (Thailand)** Bangkok, Thailand  
*Full Stack Developer (Freelancer)*  
Responsible for analyze requirements, develop, and configure a server of the website for Hitachi Power Tools (Thailand) using PHP and MySQL.
- 2016–Now **Lezena Spa** Bangkok, Thailand  
*Web Developer (Freelancer)*  
Responsible for analyze requirements, develop, and configure a server of the website for Lezena Spa using WordPress.
- 2015–Now **Stamford International University** Bangkok, Thailand  
*Full-Time IT Lecturer*  
Responsible for teaching courses in English and doing research. I have fully taught many courses such as Human-Computer Interaction, Mobile Apps Development, Mobile Games Development, Mobile Computing, Hybrid Mobile Applications, Content Management Systems, Programming I, and Programming II.
- 2014–2015 **Rajamangala University of Technology Thanyaburi** Pathum Thani, Thailand  
*Lecturer*  
Responsible for teaching courses and doing research. I have fully taught one course titled "Computer Organization and Architecture" and was a co-lecturer for many courses such as Internet Technology for Daily Uses, Computer and Business Information Technology.

2012–2015	<b>Think Blue Data</b> <i>Senior Software Engineer</i> Develop web applications especially for data analyst using data visualization techniques on Agile software development. Being a full-stack software engineer who can take care of both back-end system and front-end system as well as testing. Detailed achievements: <ul style="list-style-type: none"> <li>• Create an online tool for planning and analyzing data and images generated by a portable water robot</li> <li>• Create a web portal for analyzing data and etc.</li> <li>• Being a motivated tester               <ul style="list-style-type: none"> <li>– Unit test: Rspec, Mocha</li> <li>– Integration test: Cucumber, Robot Framework</li> </ul> </li> <li>• Continuous Integration tool: Hudson, Jenkins</li> </ul>	Nonthaburi, Thailand
2009–2010	<b>Mahanakorn University of Technology</b> <i>Lecturer</i> Responsible for teaching one course titled " <i>Modern Programming Language</i> ".	Bangkok, Thailand

## honors, awards, grants

2010 - 2012	<b>Postgraduate Scholarship</b> Royal Thai Government Scholarship	Asian Institute of Technology
2005 - 2009	<b>Undergraduate Scholarship</b> Scholarship for outstanding student.	Mahanakorn University of Technology

## communication skills

2015	<b>Guest Speaker of Mekong ICT Camp 2015</b> Special session in Data Visualization	Pattaya, Thailand
2015	<b>Guest Speaker / Participant of Open Data Hackathon : Health Viz</b> Be a part of the Open Data Hackathon : Health Viz.	Bangkok, Thailand
2014	<b>Talk</b> Seven years to make your dreams come true.	Thanyarat School
2012	<b>Oral Presentation</b> Presented the research I conducted for my Masters of Science degree.	Asian Institute of Technology Research Award
2010	<b>Oral Presentation</b> Presented the research.	(ECTI-CARD Conference, Pattaya)

## interests

**professional:** human-computer interaction, mobile application development, data visualization, human interface technology, software testing, agile software development, web technology, education research

**personal:** watching movies, driving, coding for fun

## publications

Ruensuk, M., An implementation to reduce internal/external interruptions in Agile software development using Pomodoro Technique. In Proceedings of 15th IEEE/ACIS International Conference on Computer and Information Science (ICIS 2016), 2016, pp 669 - 672.

Ruensuk, M., A Special Capstone Course for Exchange Students on Agile Software Development Using Scrum Methodology. PKRU Conference on Development of New and Innovation Research for the AEC, 2015

Ruensuk, M., Information Technology Jobs Matching By Groovy on Grails. In Proceedings of Conference on Electrical Engineering/Electronics Computer Telecommunications and Information Technology (ECTI-CARD), 2010, pp. 343 - 348.

## references

Dr. Matthew Dailey  
Associate Professor in Machine vision and learning, especially as applied in robotics  
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