

KANIT (HAM) WONGSUPHASAWAT

CURRICULUM VITAE

Phone: 240 485 4282

Email: kanitw@gmail.com

Address: 119 Quillen Ct. Apt 203 Stanford CA 94305

Website: <http://www.stanford.edu/~kanitw>

RESEARCH INTERESTS

Human-Computer Interaction (HCI), User Interfaces, Social Computing, Design and prototype tools, Design Education and Research, Information Visualization.

EDUCATION

Sep. 2011-Jun. 2013

Stanford University – M.S. in Management Science & Engineering

Focused in Human-Computer Interaction, Current GPA: 3.96/4.0, Fulbright Fellowship

Advisor: Amin Saberi

Human-computer Interaction (HCI)/Design Courses: *Intro to HCI, HCI Design Studio, Research Topics in HCI, Data Visualization, Statistical Method for Behavioral Science, Designing Media, Creative Gym, Design/Improvisation, Designing Social Brands*

Other Courses: *Global Entrepreneurial Marketing, Finance, Optimization & Decision Analysis*

Jun. 2006 –Feb. 2010

Chulalongkorn University (Thailand) – B.Eng. Computer Engineering

Focused in Computer Science, GPA 3.93/4.00, Valedictorian Gold Medal Honor

Advisor: Sukree Sinthupinyo

Computer Science courses: *Discrete Math, Data Structure, Algorithms, Software Engineering, Artificial Intelligence, Database, Operating System, Computer Architecture, Network, Graphics*

Management Courses: *Management of Organization, Marketing Principles, Entrepreneurship*

Art & Design Courses: *Photography, Packaging Design, Design Drawing*

WORK EXPERIENCE

Jan. 2012 – Present

Stanford University – Graduate Researcher

Working with Professor Amin Saberi to research on Online Education; responsible for user interface design and development of Venture-lab.org, the first team-based Massive Online Open Classroom.

[\[HTML/CSS, Javascript, Twitter Bootstrap, Ruby on Rails\]](#) #HCI, #Online Education, #Social, #UI

Jun. 2012 – Sep. 2012

Google Inc. (Google Research) – Software Engineering Intern

Worked with Elin Pedersen and Bay Chang in Google Research's HCI group to develop concepts for a social mobile application; designed user interfaces and implemented a fully functional prototype android application.

[\[Java/Android\]](#) #HCI, #Mobile, #Social, #UI, #System

Aug. 2010 – Apr. 2011

Thomson Reuters Software – Associate Software Engineer

Designed and developed User Interface for Alerting and Monitoring System 1.1, a new system to replace obsoleted TIBCO Hawk for Thomson Reuters Financial Market Data System.

[\[Adobe Flex/Actionscript\]](#) #UI, #System

Mar. 2010 - May 2010

Singha Corporation (Thailand) - Management Trainee Intern

Developed and organized a new cultural event in Nakorn city to support Thai Norah dance culture and increased sales & brand awareness in the region.

Mar. 2009 - May 2009

Thomson Reuters Software - Software Engineering Intern

Developed Total Test Case Management System for Data Access Control System Quality Assurance Team. [\[VB.NET\]](#) #System

PUBLICATION

- Oct. 2012 **Poster:** *Wongsuphasawat, K., Gamburg, A., Moraveji, N. (2012) You Can't Force Calm: Designing and Evaluating Respiratory Regulating Interfaces for Calming Technology. ACM UIST 2012. Boston, MA. (Acceptance Rate 41%)*

TECHNICAL REPORTS

- June. 2009 **Technical Reports:** *Chuengsatiansup C., Charoensriphngsa, T., Wongsuphasawat, K., Rattana, K., Doungsodsri, P., Buathong, A., Wejwittayaklung, K., Wongsaisuan, M., Wannasuphoprasit, W. (2009) Plasma-Z: Team Description for Robocup: Small Size League. International Robocup 2009. Graz, Austria.*

SELECTED PROJECTS & ACHIEVEMENTS

- Jan. 2012 – Current **Venture-Lab.org** – Project-based Massive Online Open Classroom
Designed and develop user interfaces Venture-lab.org, the first team-based Massive Online Open Classroom. Research on peer evaluation and team dynamic of group works.
[HTML/CSS, Javascript, Twitter Bootstrap, Ruby On Rails] #HCI, #Online Education, #Social, #UI
- Apr. - Jun 2012 **Breathwear** – Calming User Interface
Designed user interfaces for respiratory regulation using visual and auditory guidance; conducted user studies to compare effect of both guidance. (Poster presented at UIST2012)
[Objective-C, iOS] #HCI, #CalmingTechnology, #UI, #Mobile
- Oct. 2009 – Feb. 2010 **FaceSpot** – Face Detection and Recognition add-on to F-Spot
(Winner of Thailand National Software Contest 2010)
Project Leader, Front End Software Engineer - Face Detection and Recognition add-on to F-Spot, leading open-source photo management software; Enabled F-Spot users to categorize their pictures by Face Recognition feature *[C#/Mono Framework]* #System, #UI
- Aug. 2008 - Jul. 2009 **Plasma-Z Soccer Robot System**
(3rd Place of Small-size League - International Robocup 2009)
Computer System Engineer Group Leader–Developed a multi-agent cooperation and control computer system for highly dynamic soccer robots in Robocup Small Size League.
[C#, .NET] #System, #Robotics
- Mar 2008 – May 2008 **Knowshare Project & Stanford Thai Exchange Program 2008 (STEP XII)**
Created an online academics resource sharing project for Engineering Students
Qualified as 1 of 7 Thai students to do project and cultural exchange during summer at Stanford University (Admission Rate 5%)
- Mar 2007 - Feb 2008 **Vidview:** Mobile Video Client
(Winner of SAMART Innovation Award 2007 / Runner-Up – Thailand ICT Award 2008 / 3rd Place High Performance Award -Accenture Academic Exhibition 2008)
Team Leader–led development of Mobile application that enabled Online Video Watching in Java-supported cellphone *[Java, JavaME]* #UI, #Mobile, #System
- 2008 **ACM ICPC Regional Contest 2008** (Association for Computing Machinery: International Collegiate Programming Contest) at KL, Malaysia
(Honorable Mention)
Team captain in Algorithmic problem solving challenge
[C] #Programming Contest
- 2004-2005 **Thailand Olympiad in Informatics**
(Bronze Medal of National Competition & Nation Top 10 Finalist 2004, National Top 10 Finalist & Thailand IOI Substitute Representative Candidate in 2005)
National-level Algorithmic & Programming Problem Solving challenge
[C] #Programming Contest

HONORS & AWARDS

- 2011-2013 **Fulbright Fellowship for Master Degree Studies**
- 2010 **His Majesty the King Bhumibol Undergraduate Scholarship**
- 2008, 2009 **University President Award**
- 2007 **Engineering Dean's Freshmen Award**

TEACHING

- Jun. - Sep. 2010 **Entrepreneurship Course Assistant** – Chulalongkorn Undergraduate Business School
Worked with professor Kavin Asavanant; facilitated teaching and graded assignments
- Jun. - Sep. 2009 **Discrete Mathematics Course Assistant**, Faculty of Engineering, Chulalongkorn University
Worked with professor Athasit Suralerk; facilitated teaching and produce problem session video tutorial for problem sets.
- Oct 2006 & Oct 2007 **Engineering Entrance Test Tuition Camp at Assumption College** – Lead Lecturer & Project Leader
Led 3-week tuition for the National Engineering Test at Assumption College.

SERVICE

- 2012 **ACM Symposium on User Interface Systems and Technology (UIST)** – Student Volunteer

EXTRACURRICULAR ACTIVITIES

- 2011-2012 **Stanford ACM** - Member
- 2011-2012 **Business Association of Stanford Entrepreneurial Students (BASES)** - Member
- 2011-2012 **Stanford Design Initiative** – Member
- 2010 **Thai Young Philanthropists Network (2010)** – Web & IT Team Head of Social Enterprise Business Plan Competition Team
- 2010 **Capitol Toastmasters Club of Toastmaster International** – Member
- 2010 **Chulalongkorn Business Plan Club** – Member
- 2007-2010 **Chulalongkorn Photographer's club** – Member
- 2008-2009 **Chulalongkorn - Thammasat Annual Soccer Game** – Staff Photographers
- 2009 **Computer Engineering Student Council** – Head of Academic
- 2009 **IEEE Computer Student Society Club** – Club Presidentt

SKILLS

Programming: Java (SCJP Certified), HTML, CSS/Less/Sass, Javascript, Php, C#, C, Flex/Actionscript, Ruby on Rails, Wordpress, R, Android, git
Office Software: Expert in Word, Excel, Powerpoint and Keynote
Graphics: Photoshop, Illustrator
IRB Human Subject Training

LANGUAGE

English & Thai

TOEFL Score: (Latest) 107/120

GRE Score: (Latest) Verbal 740/800, Quant. 800/800, Writing 3.5/6