KANIT (HAM) WONGSUPHASAWAT
CURRICULUM VITAE

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RESEARCH INTERESTS

Human-Computer Interaction (HCI), Information Visualization, Design and Prototyping Tools, Ubiquitous Computing

EDUCATION

Starting Sep. 2013

University of Washington– Pursuing PhD in Computer Science & Engineering
Focused in Human-Computer Interaction

Sep. 2011- Jun. 2013

Stanford University – M.S. in Management Science & Engineering
Focused in Human-Computer Interaction & Entrepreneurship, Current GPA: 3.99/4.0
Advisor: Amin Saberi

Courses: *(HCI)* Intro to HCI, HCI Design Studio, Research Topics in HCI, Visualization, Statistical Methods for Social Science *(Design)* Designing Digital Media, Creative Gym, Design/Improv, Social Brands, Design Research; *(Business) Marketing, Strategy in Technology-based Firm, Accounting, Finance, Entrepreneurial 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

Courses: *(Computer Science)* Discrete Math, Data Structure, Algorithms, Software Engineering, Artificial Intelligence, Database, Operating System, Computer Architecture, Network, Graphics*; (Management)* Organization Management, Marketing Principles, Entrepreneurship; *(Art&Design)* Photography, Packaging Design, Design Drawing

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 REPORT

June. 2009

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

WORK EXPERIENCE

Jan. 2012 – Present

Stanford University – Graduate Researcher
- Working with Professor Scott Klemmer on Peer Assessment System for Massive Online Classroom.

[HTML/CSS, Javascript, Python, Flask] **#HCI, #Online Education, #Social, #UI**

- Worked 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**

SELECTED PROJECTS & ACHIEVEMENTS

Jan. 2012 – Dec. 2012	**Venture-Lab.org –** Project-based Massive Online Open Classroom
	Led the user interfaces design of 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. 2012 – 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**
Sep. 2007 - 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 - June 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**
2009	**HRH the Royal Crown Prince of Thailand Top Engineering Student Medal 2009**
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.

SERVICES & OTHER EXTRACURRICULAR ACTIVITIES

2012	**ACM Symposium on User Interface Systems and Technology (UIST) –** Student Volunteer
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
2009	**Computer Engineering Student Council** – Head of Academic
2008-2009	**IEEE Computer Student Society Club** – Club President
2008-2009	**Chulalongkorn - Thammasat Annual Soccer Game** – Staff Photographer
2007-2009	**Chulalongkorn Engineering Innovator Club** – Plasma-Z Software Group Leader
2006	**Solution Guide for Calculus I&II Textbook** - Author
2003-2006	**Military Training –** Earned Rank of Sergeant in Royal Thai Army

SKILLS

Programming: Java (SCJP Certified), HTML, CSS/Less/Sass, Javascript, Php, C#, C, Flex/Actionscript, Ruby on Rails, Wordpress, R, Android, git, Python

Office Software: Expert in Word, Excel, Powerpoint and Keynote

Graphics: Photoshop, Illustrator

IRB Human Subject Training