

**My name is Ham
or formally,
Kanit Wongsuphasawat**

[pronounced guh-nit Wohng-soo-puh-suh-wuhd]

I am a **Fulbright Scholar** studying
Human-computer Interaction
at **Stanford University.**



Professional Experience



Google Research - Software Eng. Intern (Jun-Sep '12)

Design & Implement a mobile social application that utilizes Proximity information to recognize social gatherings.



Thomson Reuters - Software Engineer (Aug '10-Apr '11)

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



Singha Corporation - Management Intern (Mar-May '10)

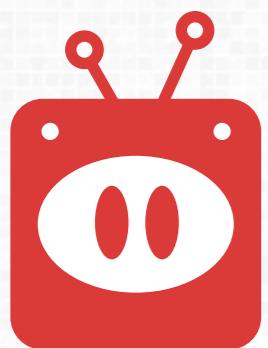
Developed and organized a new cultural event in Nakorn city to support Thai Norah dance culture and increased sales & brand awareness in the region.



Thomson Reuters - Software Eng. Intern (Aug '10-Apr '11)

Developed Total Test Case Management System for Data Access Control System Quality Assurance Team

Selected Projects





The screenshot shows the Stanford University Venture Lab website. At the top left is the Stanford University logo. Below it, the word "Venture Lab" is displayed. On the right side, there is a user profile picture and the name "Kanit Wongsuphasawat". A large image of a stone colonnade at night is the main visual element. Below the image, the text "Learn from Stanford professors, for free." is visible. Underneath the image, a section titled "Fall 2012 Courses" lists a course titled "Technology Entrepreneurship" taught by Chuck Eesley. The course description and a photo of Chuck Eesley are also present.

STANFORD UNIVERSITY

Venture Lab

Kanit Wongsuphasawat

Learn from Stanford professors, for free.

Fall 2012 Courses

Technology Entrepreneurship

Chuck Eesley: Assistant Professor, Management Science & Engineering, Stanford University

This course introduces the fundamentals of technology entrepreneurship, pioneered in Silicon Valley and now spreading across the world. You will learn the process technology entrepreneurs use to start companies. It involves taking a technology idea and finding a high-potential commercial opportunity, gathering resources such as talent and capital, figuring out how to sell and market the idea, and managing rapid growth.

Venture Lab (2012-Present)

Project-based Massive Online Courses

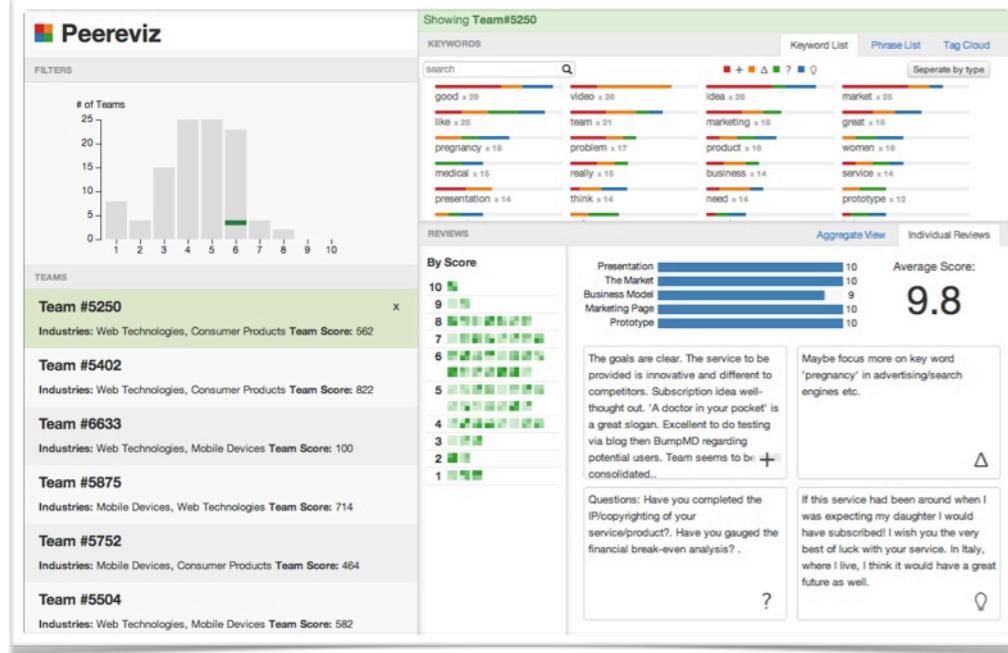
Online education is changing the world's education landscape. Besides lectures and quizzes, project-based learning is also an influential experience in school.

I led the User Interface Design of Venture-lab, the first project-based Massive Online Open Classes.

Our first class in Entrepreneurship, taught by Professor Eesley from Stanford, has over 50,000 students. One final project eventually received funding from a venture capital.

Peereviz (2012-Present)

Visualizing Peer Review for Instructors

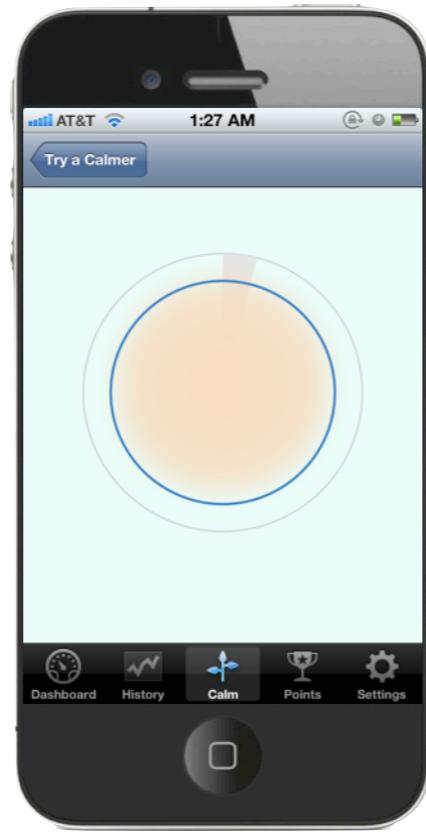


Peer reviews is one possible solution for scaling assessment of open-ended assignment in massive online courses. However, the amount of data from peer make it difficult for teaching staff to explore and understand the review data.

Peereviz utilized existing text visualization techniques as well as multiple coordinated views to exploration in the large-scale peer review system.



STANFORD
CALMING
TECHNOLOGY
LABORATORY



Breathwear (2012)

Help people calm with slow breathing

People are suffering from stress. How might we help them relieve?

As respiratory regulation can reduce stress and increase parasympathetic tone, I and my colleague designed and implemented an application using visual guide and auditory guide based on the Stanford Calming Technology Lab's Breathwear system and did a user study to compare the effect of using these two different modalities for breathing regulation.

See the [paper](#) and [poster](#).

★ Presented at ACM UIST 2012



FaceSpot (2009-2010)

Face Recognition Plugin for F-Spot

Mobile cameras has increased the number of personal photos. Our goal was to enable Linux users to use Face Recognition like Apple users enjoyed a similar feature in iPhone. *Facespot*, a face recognition plugin for *F-Spot*, was built to achieve this goal.



★ Winner of Thailand
National Software Contest 2010



Plasma-Z (2008) Multi-Agent Soccer Robots

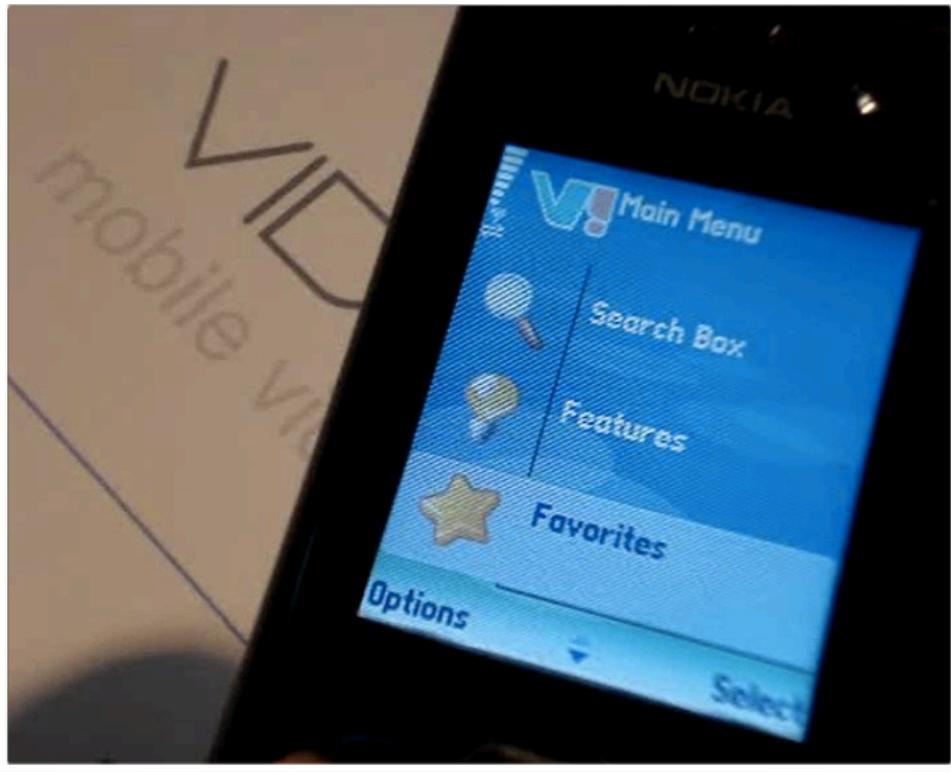


Soccer is the most popular sports for humans. It is also the most popular sports for robots as well—at least at the International Robocup!

My plasma team developed a fast-paced small size soccer robots that can hit the ball up to 10 m/s. Working with closely with mechanical, electrical and computer engineers in the team, I led the development of a software system to control the game playing for these robots.

Picture here.

★ 3rd Place from International Robocup 2008



VidView (2007-2008)

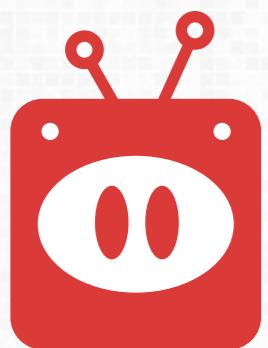
Mobile Video Viewer

It was before Apple iPhone and its popular Youtube application had been released. People were enjoying Youtube from their PCs. However, the most popular phones then did not have sufficient processing power to decode complex video formats.

Vidview enabled JavaME phone users to watch videos from Youtube and other Video service providers by having intermediary server to prime the video format before sending to the phones. With Vidview, video could be watched from anywhere and anytime.

- ★ **Winner of Samart Innovation Award 2007**
- ★ **Runner-Up of Thailand ICT Award 2008**
- ★ **3rd Place High Performance Award - Accenture Academic Exhibition 2008**

Graphic Design





CUPhoto Memorial DVD (2008)

Chulalongkorn-Thammasat Annual Soccer Game Memorial DVD

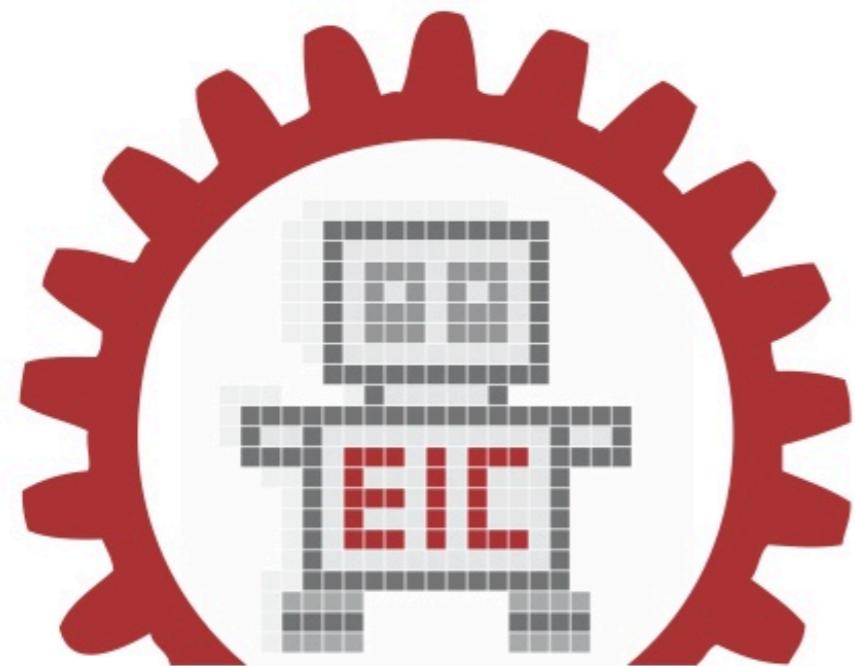
A compilation of pictures by Chulalongkorn University from the annual soccer game between Chulalongkorn and Thammasat, the two oldest universities in Thailand.



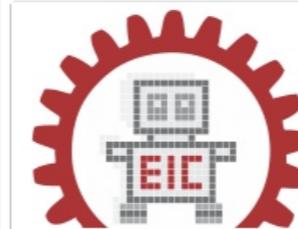
Perj: Translation Jelly (2008)

Packaging Design for an imaginary product.

A “Packaging Design” class project. Our group design try to imagine if Translation Jelly from *Doraemon* did exist, how would it be like.



ENGINEERING INNOVATOR CLUB
CHULALONGKORN UNIVERSITY



ENGINEERING INNOVATOR CLUB
CHULALONGKORN UNIVERSITY

Logo Design: Engineering Innovator Club (2008)

Logo concepts for Chulalongkorn Engineering Innovator Club.



Together We Smile (2007)

T-Shirt Design for Smiley home, a recreational group

Designed for the freshmen orientation week where freshmen get to know new friends.



Memories in a School Bag (2006)

Assumption College 120th Class Memorial Book

Students had spent time together at Assumption College for 12 years from grade one to twelve. See [an excerpt pdf]

Other Software Projects





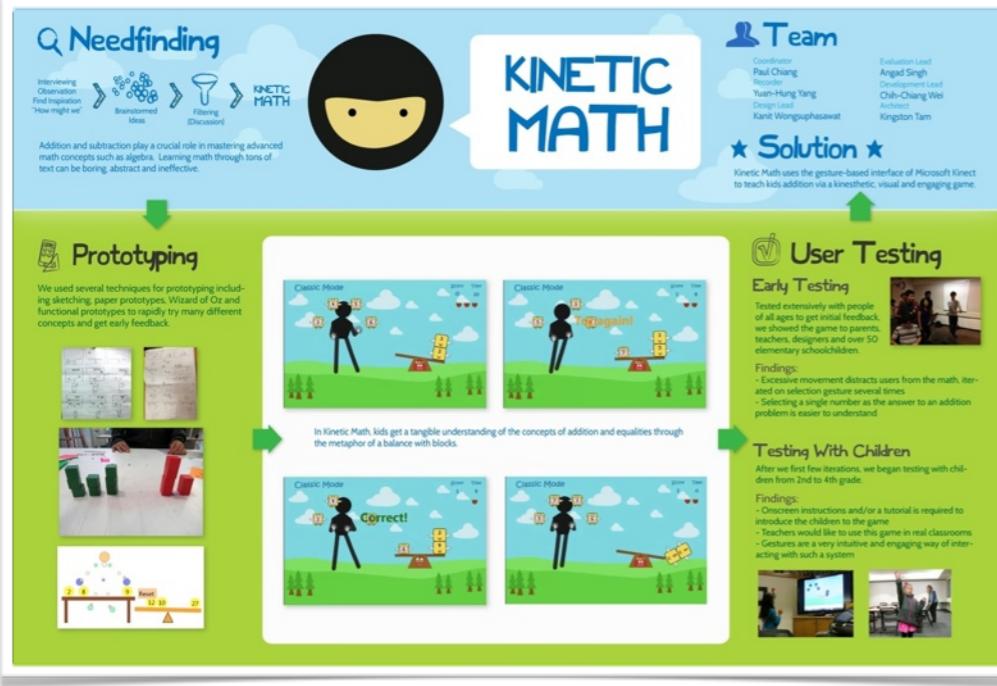
StudyMania (Fall 2011)

Make Study Fun!

Students need motivation for study. Studymania, a mobile application, provide a simple way for students to create fun challenge/bet against their friends. This competitive settings will drive users to study hard and get stuff done in order to beat their friends. For example, students can compete to finish homework to win a Starbuck latte bet.

See full [poster] here.

(A project from Intro to Human Computer Interaction & Design Class at Stanford.)



Kinetic Math (Winter 2012)

Learn Math with Kinect

Addition and subtraction play a crucial role in mastering math concepts such as Algebra. Learning math through tons of text can be boring, abstract and ineffective.

Kinetic math offer a fun way for kids to learn maths by playing a game with Microsoft Kinect.

(A project from Human Computer Interaction & Design Studio at Stanford.)

See the project [poster], [video] and [website].



Habit Buddy (Winter 2012)

Let's change our behavior

Starting good habits is hard. Maintaining them is even harder. What if we have a buddy that help us set achievable goal?

Habit Buddy is a mobile application prototype that try to envision how might a mobile application help us set goals and start good and long-lasting habits!



Nutramedica.co.th

Healthcare company website.

During a break after working at Thomson Reuters and before studying at stanford, I also design a corporate website for Nutramedica Co.,Ltd., a leading vitamin and healthcare company in Thailand.

See the website [here](http://Nutramedica.co.th).

**See up-to-date version of my portfolio at
kanitw.github.com**

