

RESUME

KANIT (HAM) WONGSUPHASAWAT

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EDUCATION & RESEARCH PROJECTS

University of Washington – Ph.D. in Computer Science & Engineering

(Sep 2013 – Present, Advised by Jeffrey Heer)

- Research Areas: **Information Visualization, Human-Computer Interaction**
- Design and Prototype Interactive System for Visual Analysis & Declarative Language for Interactive Visualization [*JS, AngularJS, HTML/CSS, Python*]

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

(Jun 2013, GPA 3.99/4.00, Awarded Fulbright Scholarship)

- Study Areas: **Human-computer Interaction, Design & Entrepreneurship**
- Developed Peer Assessment System for Massive Online Classroom with Prof. Scott Klemmer [*Python, HTML/CSS, JS*]
- Designed User Interfaces for **Venture-lab (Now Novoed.org)**, a project-based MOOC platform with Prof. Amin Saberi [*Ruby, HTML/CSS, JS*]
- Designed and Evaluated Respiratory Regulating Interfaces for Calming Technology with Dr. Neema Moraveji [*iOS*]

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

(Feb 2010, GPA 3.93/4.0, Ranked 1st in class of 800 students, Awarded Gold Medal & HM the King Scholarship)

- Developed “FaceSpot”, **Face Detection and Recognition plugin** to F-Spot Photo Management Software – Winner of HRH Princess Sirindhorn’s Trophy Thailand National Software Contest 2010 [*C#/Mono*]
- Software Lead of “Plasma-Z” **Multi-agent Soccer Robot System** – 3rd Place of Small-size League Soccer Robots in International Robocup 2009 [*C#*]

PROFESSIONAL EXPERIENCE

Trifacta Inc. – Software Engineering Intern

Designed & prototyped Intelligent User Interfaces for Data Cleaning

Jun. 2014 – Sep. 2014

[*HTML/CSS, JS, Python, Scikit-learn, Spark*]

Tableau Software Inc. – Research Intern (Visual Analysis Team)

Designed & prototyped an Interactive System for Visual Analysis (with Dr. Jock Mackinlay)

Jun. 2013 – Sep. 2013

[*AngularJS, HTML/CSS, JS*]

Google Inc. – Software Engineering Intern (HCI Group of Google Research)

Researched, designed and implemented a mobile social software prototype (with Dr. Elin Pedersen)

Jun. 2012 – Sep. 2012

[*Java/Android*]

Thomson Reuters Software - Associate Software Engineer

Designed UIs for Alerting and Monitoring System of Thomson Reuters Market Data System

Aug. 2010 – Apr. 2011

[*Flex/Actionscript*]

Singha Corporation (Thailand) - Management Trainee Intern

CSR project in Nakorn city to support Thai Norah dance culture, increased sales & brand awareness in the region.

Mar. 2010 - May 2010

Thomson Reuters Software - Software Engineering Intern

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

Mar. 2009 - May 2009

[*VB.NET*]

REFEREED PUBLICATIONS

(Paper) **Declarative Interaction Design for Data Visualization.** *Satyanarayan, A., Wongsuphasawat, K., Heer, J. (2014)*

ACM User Interface Software and Technology (ACM UIST) 2014. Honolulu, HI. (Acceptance Rate 22%)

(Extended Abstract) **You Can't Force Calm: Designing and Evaluating Respiratory Regulating Interfaces for Calming**

Technology. *Wongsuphasawat, K., Gamburg, A., Moraveji, N. (2012)* ACM UIST 2012. Boston, MA. (Acceptance Rate 41%)

SERVICES & ACTIVITIES

Professional: **ACM UIST** (Student Volunteer'11), **ACM** (Member)

UW: **Data Visualization** (Teaching Assistant), **Interactive Systems Seminar** (Organizer), **CSE Soccer** (Organizer),

Stanford: **BASES** (Member), **Stanford Design Initiative** (Member)

Chulalongkorn: **Computer Student Council** (Head of Academic '09), **IEEE Computer Chapter Club** (Club President '09), **Photographer's club** (Member), **Business Plan Club** (Member), **Robotics Club** (Member)