Looking to join WING? Learn how you can participate as an undergraduate, graduate, intern, collaborator or sponsor of our group. See the link in the left hand side of the menu. Due to the high number of intern applications we get, we regret to say that we can only consider interns who can come to WING for a minimum of six months, usually with self funding, or come from underrepresented countries (India and China do not count).

**Staff**

- A/P Min-Yen Kan, principal investigator
- Dr Kazunari Sugiyama: visiting researcher

**Current Students**

**Graduate (GP/Ph.D./MSc)**

- Muthu Kumar Chandrasekaran (Spring 2014): Topics in MOOC Forums
- Chencan Xu (Spring 2015): Topics in Chinese MOOCs
- Kishaloy Halder (Spring 2015): Topics in Social Media
- Wenqiang Lei (Spring 2015): Topics in Implicit Discourse Parsing
- Animesh Prasad (Fall 2014): Topics in Digital Libraries

**Undergraduate (FYP/HYP/UROP/Interns)**

- Chao Huang: Freshness in Large Knowledge Stores (FYP, Fall 2016, collaboration with Crayondata)
- Shenhao Jiang: (Future) Trends in Science via Big Data: Topical analyses of computer science research from the ACM (FYP, Fall 2016)
- Manpreet Kaur: Neural Citation Parsing
- Varun Patro: Verb Duration Discovery (UROP, Spring 2016)
- Choon Hian Pee: Designing the Dining Experience (FYP, Fall 2016, collaboration with Crayondata)
- Xuan Su: Citation Networks in the Political Sciences (Internship, Summ 2016, collaboration with Prof. Kim Soo-yeon)
- You Zhou: #mytweet via Instagram: Exploring User Behavior Across Multiple Online Social Networks (UROP, Fall 2016)
- Liang Zhu: LearnNews: Second Language Learning from News using a Mobile App (FYP,
Fall 2016)

Current Assistants

**System administrators**

- Kishaloy Haldar: Lead System Administrator
- Muthu Kumar Chandrasekaran: System Administrator
- Chencan Xu: System Administrator
- Ang Ray Yan: Junior System Administrator
- Qua Zi Xian: Junior System Administrator
- Yuan Yuchuan: Junior System Administrator

Current Collaborators

- Dr Kokil Jaidka (Adobe Systems, India, summarization projects)
- A/P Yijiang Jin (Tsinghua Univ., NExT project)
- Prof. Juanzi Li (Tsinghua Univ., NExT project)
- Prof. Diane Litman (Univ. of Pittsburgh, MOOC projects)
- A/P Yiqun Liu (Tsinghua University, NExT project)
- A/P Yutaka Matsuo (Univ. of Tokyo)
- Prof. Shaoping Ma (Tsinghua Univ., NExT project)
- Kiruthika Ragupathi (NUS CDTL, MOOC project)
- Prof. Min Song (Yonsei Univ., DL projects)
- Prof. Maosong Sun (Tsinghua Univ., NExT project)
- Prof. Bernard Tan (NUS, MOOC projects)
- A/P Jie Tang (Tsinghua Univ., NExT project)
- A/P Min Zhang (Tsinghua Univ., NExT project)

WING Alumni

**Staff**

- Dr Dongyuan Lu: postdoctoral researcher.
- Dr Su Nam Kim, postdoctoral researcher. Now a research fellow at Monash University.
Graduate (GP/Ph.D./MSc)

- Bamdad Bahrani: Slide Information Retrieval (Fall 2011 - defended MSc May 2013)
- **Muthu Kumar C**: NUS Co-authorship Analysis (Fall 2012, co-supervised by Dr Philip S Cho), now a doctoral student in WING
- **Dr Tao Chen**: Image Tweet Analysis (Fall 2010 - defended Apr 2016, supported by CSIDM)
- **Dr Hang Cui**: Generic Soft Patterns for Question Answering (Spring 2003 - defended Jul 2006, co supervised by Prof. Tat-Seng Chua, awarded President's Graduate Fellowship, won best PhD Thesis award in 2007), now a Staff Software Engineer / Engineering Manager with Google.

- **Dr Jesse Prabawa Gozali**: Event Photo Stream Segmentation (Fall 2007 - defended Aug 2013), now a Senior Software Engineer at Mobilewalla.
- **Dr Xiangnan He**: Refining Relevance Signals in Web 2.0 (Fall 2011 - defended Mar 2015, supported by NExT), now a Research Fellow at the NExT Center, National University of Singapore
- **Cong Duy Vu Hoang**: Automated related work summarization (Spring 2009 - defended MSc Feb 2011), now a Graduate Researcher at the University of Melbourne

- **Dr Jovian Lin**: Recommender Algorithms for Mobile Applications (Fall 2009 - defended Sep 2014, supported by SPH and the Extra Chapter Challenge, co-supervised by Prof. Tat-Seng Chua), now a Data Analytics Research Scientist of the Singapore Government.

- **Dr Ziheng Lin**: Discourse in automatic text summarization (Fall 2007, co supervised by Hwee Tou Ng - defended Dec 2012), now Associate Director, Data Analytics at Dentsu Aegis.

- **Dr Jun Ping Ng**: Interpreting Time in Text (Spring 2009 - defended Mar 2014, awarded President's Graduate Fellowship and Research Achievement Award, supported by NExT), now a Researcher and Engineer with Amazon.
- **Dr Long Qiu**: Scenario Template Creation (Fall 2003 - defended Feb 2009, co supervised by Prof. Tat-Seng Chua), now with Alibaba.
- **Dr Hendra Setiawan**: Head-driven Statistical Machine Translation (Spring 2005 - defended Apr 2009, co supervised by Dr. Haizhou Li), now a Scientist II at BBN Raytheon Technologies.
- **Dr Yee Fan Tan**: Cost-Sensitive Web-Based Information Acquisition for Record Matching (Fall 2005 - defended Nov 2011), now a Senior Research Scientist at KAI Square.
- **Dr Aobo Wang**: Addressing Informality in Chinese Microtext (Fall 2009, supported by CSIDM - defended August 2015), now a Business Analyst with BNP Paribas.

- **Dr Jin Zhao**: Towards Generic Domain-specific Information Retrieval (Fall 2006 - defended May 2013), now a Lecturer with the School of Computing, NUS.
Postgraduate Interns

- Xinxiong Chen: (2013) NExT Search Centre, from Tsinghua University
- David Angi Cui: (2011-2012) NExT Search Centre, from Tsinghua University
- Hany Khalil, CSIDM Intern, Old Dominion University (Feb-May 2014, supported by CSIDM)
- Ankur Khanna, ISS Intern, NUS (Spring 2014, supported by CSIDM)
- Peng Li: (2013) NExT Search Centre, from Tsinghua University
- Jiaxin Mao: NExT Search Centre (2014), from Tsinghua University
- Paramita Mizra: CSIDM Intern, University of Trento (Jul-Sep 2015, supported by CSIDM)
- Chao Wang: (Spring 2014) NExT Intern, from Tsinghua University
- Yushi Wang: (2012-2013) NExT Search Centre, from Tsinghua University
- Qianli Xing: (Spring 2014) NExT Intern, from Tsinghua University
- Liner Yang: (2011) NExT Search Centre, from Tsinghua University
- Haochen Zhang: (2012-2013) NExT Search Centre, from Tsinghua University
- Yongfeng Zhang: (Spring 2014) NExT Intern, from Tsinghua University

Undergraduate (FYP/HYP/UROP/Intern)

- Abhishek Arora: Map Spidering and Browsing User Interface (Summer 2005), undergraduate at Motilal Nehru National Institute of Technology, Allahabad. Now in the MBA programme at IIM Lucknow.
- Jerome Cheng: Collating Social Networking Profiles (FYP, Fall 2014; Research Assistant, 2015), now with Viki
- Boyang Chi: Adult second language learning survey project (CSIDM Beijing, Summer 2009), now with Bloomberg
- Tony Dinh-Trung Dang: TiddlyWiki client server modification for scholarly digital libraries (Fall 2007), now with Moody's Investor Services, Singapore.
- Ezekiel Eugene Ephraim: Presentation summarization, alignment and generation (Spring 2005)
- Jesse Prabawa Gozali: A Rich User Interface for the LINC system with AJAX (Fall 2006), now a PhD student in WING.
- Yiping Jin: Mining definitions from Scientific Documents (FYP, Fall 2012), now a research engineer at Baidu-I2R Research Centre.
- Junchao Gu: Skylab Orbital Evaluation Platform (FYP, Fall 2015)
- Markus H&auml;nse: Conference spider, undergraduate from Hochschule Furtwangen University (Summer 2009), now with PatSnap (Suzhou office).
- Low Wee Heng: Firefox, iPhone, Facebook hacking project (CSIDM Singapore, Summer 2010); CSIDM Word Sense Disambiguation (Fall 2010), Citation Provenance (FYP; Spring 2012), now with Steria Singapore.

- Takahiro Hisaki: Text Mining Relationship Graphs from Classic Plays (Interns from Ritsumeikan University, Japan, Fall 2011)
  - Hui Hui, Ben: Recommendation Integrating Reviews into Ratings (FYP, Fall 2015)
  - Huu Hung Hoang: Multiword Expression Analysis and Extraction (Fall 2008), now with Circos Singapore.

- Andy Hong: Browser Based Citation Recognition (Fall 2008)
- Yijue How: Analysis of SMS input efficiency (Fall 2003), now with GemPlus
- Shihong Huang: Firefox, iPhone, Facebook hacking project (CSIDM Singapore, Summers 2009, 2010)

- Yipeng Huang: Hadoop-based Data Deduplication (UROP Fall 2010)
- Tamisa Huangwongsri: CSIDM Chinese Word Segmentation (UROP Fall 2010)
- Hong Jin Kang: Second Language Learning from Parallel News Websites (FYP, Fall 2015)

- Madhav Kannan: Data Fusion of Consumer Behavior Datasets using Social Media (FYP, Fall 2014)
- Amulya Khare: Firefox DiCE translator (CSIDM Singapore, Summer 2010)
- Sudhanshu Khemka: GPU based IR (UROP, Spring 2011; FYP Spring 2012)
- Kalpana Kumar: Spelling correction for LINC and LINC restrictive query identification and processing (Spring 2004, Fall 2006), now a Masters student at Stanford University
  - Rohit Kumar: Collaborative Filtering Topics, undergraduate from IIT-Delhi (Summer 2010)

- Tarun Kumar: Open source Ruby Recommendation System, undergraduate from IIIT-Allahabad, India. (Spring 2009), now with Adobe India
- Sandra Lai: PARCELS Web logical structure parser (Fall 2003)
- Aik Miang Lau: Advancing PARCELS using similar documents (Fall 2004), now with DST A

- Sofien Lazreg: Text Mining Scholarly Software Systematic Literature Reviews (Intern from Norwegian University of Science and Technology, Fall 2011)
- Nhat Minh Le: Link Prediction (FYP, Fall 2013)
- Edwin Lee: Automatic metadata extraction for the web (Fall 2003), now with CSIT
- Chee How Lee: PARCELS Web logical structure parser (Fall 2003), now with Tactica Labs

- Malcolm Lee: Extending LINC UI (Spring 2005)
- Mingfeng Lee: SMS short form to long form translation model (Fall 2004), now with SCS

- Thiam Chye Lee: Multidocument summarization using NLG (Fall 2004), now with SES
Systems Pte.
  - Bang Hui Lim: Cross-Posting in Social Networks (FYP, Fall 2014)
  - Justin Sein Lin: Sequence Labeling Methods for Extracting Medical Study Metadata (Spring 2009)
  - Kyaw Zaw Lin: View Model Support in OPACs (Spring 2009), now with KAI Square.
  - Ziheng Lin: Lead Detection for Improved Automatic Text and Graph Models for Summarization (Spring 2005/2006), now a PhD student in WING.
  - Jiale Liu: Recommendation for e-Books (FYP, Fall 2015)
  - Zhicheng Liu: Map Spidering (Fall 2005)
  - Wai Hong Loh: Firefox, iPhone, Facebook hacking project (CSIDM Singapore, Summers 2009, 2010)
  - Wei Lu: Javascript Categorization (Fall 2004), now a postdoc with the NUS NLP group.
  - Minh Thang Luong: Lyric Alignment (Spring 2007, winner of DSTA Prize for best computing project), Morphological Machine Translation (Spring 2008), now a Research Assistant with Prof. Sim Khe Chai at NUS.
- Duy Khang Ly: Opinion Summarization (Fall 2009).
- Anubhav Madan: Contextual adaptation to WordNet (Spring 2005), now with Dell.
- Rahmad Mahendra: Automatic Topic Hierarchy Tree Creation (Summer 2010), undergraduate at Groningen University, former EU Erasmus Mundus awardee.
- Alex Ng: Automatic metadata extraction for the web (Fall 2003).
- Meichan Ng: Phrase Structure query suggestion in LINC (Spring 2004), now with the National Institute of Education.
- Yong Kiat Ng: Citation parsing (Spring 2004), now a Solutions Manager with ST Engineering.
- Hoang Oanh Thi Nguyen: Publication Spiderer (Spring 2004).
- Emma Thuy Dung Nguyen: Automatic keyword generation for academic publications (Fall 2006), now a senior software engineer at Ufinity.
- Viet Bang Nguyen: Macro and Microscopic Query Analysis for Web Queries (Fall 2006), now a Ph.D student at Monash Univ., formerly employee at Electronic Arts.
- Zhen Ming Ong: Firefox DiCE translator (CSIDM Singapore, Summer 2010).
- Edwin Jose Palathinkal: Undergraduate Research Assistant, ForeCite project (2007).
- Jonathan Yan Horn Poon: User-centric Plagiarism Checking (Fall 2009), now a PhD student at NUS.
- Vasesht Rao: Map spidering (Fall 2004).
- Varun Sivamani: A Visual Content Extraction System (Spring 2010).
- Saravanan Sokkie: Crawling project (Intern from Hindustan University, Spring 2011).
- Bo Sun: Crowd.Motoring (CS3821/3, 2013-2014)
- Nha Linh Ta: Extracting Useful Information from Researcher's Home Pages (Fall 2008), now with Koei
- Shawn Tan: User-centric Information Extraction (UROP Fall 2010), Estimating Change Rates in Web 2.0 Pages (FYP; Spring 2012), now with Semantics3.
- Siru Tan: Morphology query suggestion in LINC (Spring 2004), now a graduate student at Carnegie Mellon University.
- Swee Khoon Tan: P/T Research Assistant, CSIDM projects
- Yee Fan Tan: Light verb detection (Fall 2004)
- Stacey Tay: Discourse Parsing (UROP, Fall 2014)
- Yung Kiat Teo: Hierarchical Text Segmentation (Fall 2004), now with Institute of Infocomm Research
- Thien An Vo: Support for annotation of scientific papers (Spring 2004)
- Tinh Ky Vu: Public-domain research corpora gatherer (Spring 2004), Academic Research Repository (Spring 2005)
- Nicholas Fei Wang: Non-photograph image categorization (Spring 2004, Spring 2005), now at the MFE program at UC Berkeley.
- Xuan Wang: Publication spider (Spring 2006), Blog Summarization (Fall 2007, now with Credit Suisse Singapore.

- Hoang Minh Trinh: Faceted Automated Web Query Analysis (Fall 2007), now with Credit Suisse Singapore.

- Yue Wang: Presentation summarization, alignment and generation (Fall 2006)
- Shomir Wilson: Scholarly artifact mention detection (Summer 2010)
- Jintong Xu: #mytweet via Instagram: Exploring User Behavior Across Multiple Online Social Networks (UROP, Fall 2015), now with Garena
- Michael Yue Ching Bong: Enhancing Google Scholar (FYP, Spring 2014)
- Eric Yulianto: Citation Function Classification (UROP, Spring 2012)
- Jin Zhao: Lexical Analysis for Video (Fall 2005), now a PhD student in WING
- Biyan Zhou: Firefox DiCE translator (CSIDM Singapore, Summer 2010)
- Menghan Zhao: Price Correlation in E-commerce Recommendation (UROP, Fall 2015)
- Zhenwei Zhao: Firefox, iPhone, Facebook hacking project (CSIDM Singapore, Summer 2009), now with NUS Graduate Programme.

- Naijia Zheng: Second Language Learning from Parallel News Websites (FYP, Fall 2014)

**Secondary School Students (SCIENTIA/SRP/SRP H3)**

- Wei Chen (SMS Analysis 2011), NUS High
- Cheryl (Jiayu) Long (FlashMob, 2011), NUS High
- Katrina Natalia Gabriela Mena Ocampo (FlashMob, 2011), NUS High
- Yi Lee Qian (FlashMob, 2011), NUS High
- Tianran Xu (SMS Analysis, 2011), NUS High
- Yuchuan Yuan (SMS Analysis with SVM, 2011), Hwa Chong Institution

Assistants

- Praveen Bysani: Research Assistant, Nursing Informatics project, ACL Anthology maintainer
- Thanh Tung Cao, system administrator
- Damien Wai Mun Chong, system administrator, now with DSTA.
- Dr Ning Fang: Research Assistant, NExT Text Search Centre
- Liangzhu Feng, senior system administrator
- Huy Do Nhat Hoang: Research Assistant, GAI and Nursing Informatics (Fall 2009) projects.
- Yun Huang: P/T Research Assistant, CSIDM
- Beier Le: Junior System Administrator
- Thanh Trung Le, senior system administrator, now with Autodesk
- Hongyang Li, system administrator
- Benjamin Lim: System administrator
- Stella Fang Fang Lok, system administrator
- Minh Thang Luong: Research Assistant: Machine Translation and ForeCite project, now a PhD student at Stanford University.
- Hoang Vu Mai, system administrator / webmaster
- Thanh Son Ngo, system programmer
- Emma Thuy Dung Nguyen: Research Assistant, ForeCite project, now a senior software engineer at Ufinity.
- Viet Bang Nguyen, system administrator, now a Ph.D student at Monash Univ., formerly employee at Electronic Arts
- Tuan Ahn Nguyen, website designer
- Dang Trung Nguyen, system administrator, now with Autodesk
- Bilgehan Sahin, senior system administrator
- Roopak Selvanathan, programmer and system administrator
- James Tran: System administrator
- Bac Sy Vo: Research Assistant, GAI project
- Jiaming Wang: System administrator
- Nana Wang: System administrator, now with NCS
- Xuan Wang, System administrator, now with Credit Suisse
- Tengfei Wei, System administrator
- Azri Yasin: System administrator
- Jason Yeo Jie Shun: System administrator
- Hongli Yin, Senior system administrator
- Dai Zhongmin, Senior system administrator
- Gaoxiang Wang: Junior System Administrator
Past collaborators of WING

- **A/P Timothy Baldwin** (Univ. of Melbourne, NLP projects)
- **A/P Steven Bird** (Univ. of Melbourne, DL projects)
- Dr Philip S Cho (NUS, Global Asia Institute, Digital Library projects)
- **Prof Tat-Seng Chua** (NUS, IR projects)
- **Dr Isaac G. Councill** (Pennsylvania State Univ., DL projects)
- **Prof Robert Dale** (Macquarie Univ., DL projects)
- A/P Anindya Datta (NUS, NExT project)
- **Prof Bonnie Dorr** (Univ. of Maryland, DL projects)
- **Prof C. Lee Giles** (Pennsylvania State Univ., DL projects)
- Goh Mein Li (NUH, Nursing projects)
- A/P Achim Karduck (Furtwangen University of Applied Sciences, DL Projects)
- **Dr Su Nam Kim** (Monash Univ., NLP projects)
- **A/P Dongwon Lee** (Pennsylvania State Univ., DL & De-duplication projects)
- **Dr Haizhou Li** (Institute for Infocomm Research, NLP projects)
- **Dr Chunyan Miao** (Nanyang Technological Univ., Usability projects)
- Dr Preslav Nakov (NUS, NLP Projects)
- Paula N Proctor (Univ. of Sheffield-Hallam, RN, Nursing projects)
- Ricardo Pietrobon (Duke-NUS, Medical Projects)
- Shreyasee Pradhan (Duke-NUS, Medical Projects)
- **A/P Dragomir R. Radev** (Univ. of Michigan, DL projects)
- **A/P Philip Resnik** (Univ. of Maryland, MT projects)
- Jatin Shah (Duke-NUS, Medical Projects)
- **A/P Hari Sundaram** (Arizona State University, Situated Media projects)
- Ai Chee Tang (Singapore Management Univ., Usability projects)
- **A/P Simone Teufel** (Univ. of Cambridge, DL projects)
- **A/P Yin Leng Theng** (Nanyang Technological Univ., Usability projects)
- Prof R C Tripathi (Indian Institute of Information Technology - Allahabad, DL projects)
- **Dr Ye Wang** (NUS, Music projects)
- Wai Kin Yip (NUH, Nursing projects)
- Prof. Jun Zhao (Chinese Academy of Sciences, Institute of Automation, CSIDM project)
- Siti Zubaidah (NUH, Nursing projects)