

## FELICIA NATALI HUANG

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### EDUCATION, QUALIFICATION, AND TRAINING

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**Singapore Management University;** Victoria Street, Singapore 2013 – 2018  
*PhD in Information Systems*

**Carnegie Mellon University;** Pittsburgh, US 2016 – 2017  
*Visiting Scholar*

- Joined the Center for Computational Analysis of Social Organizational Systems and received guidance and training in research.

**Singapore Management University;** Victoria Street, Singapore 2007 – 2011  
*Bsc in Information Systems*

- Graduated with *Cum Laude*.

### EMPLOYMENT HISTORY

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**University College London** October 2021 -  
*Data Manager at the MRC Unite for Lifelong Health and Ageing*

- Support and take forward management of the research data for the cohort studies managed by the MRC LHA (Medical Research Council Unit for Lifelong Health and Ageing).
- Prepare and provide high quality, readable, and relevant data for the COVID-19 National Core Studies programme.
- Management and design optimization of research databases for analysis.

**Singapore University of Technology and Design** 2018 - 2021  
*Research Fellow at the Lee Kuan Yew Centre for Innovative Cities*

- Conducted, and collaborated in several research projects that harness big data to help with urban planning. You can view my current projects and my role in them under *projects* headline.
- Guided and supervised student assistants in these projects.

**Singapore Telecommunications Limited** 2011 – 2012  
*IT Analyst*

- Assisted in building an online purchase site for Optus, a Singtel-owned telecommunication company based in Australia.
- Performed quality testing.
- Conducted code review for the Chengdu outsourcing team.

### ADDITIONAL EXPERIENCES

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**VICE Magazine Indonesia** January 2017 – December 2017  
*Translator*

- Translated Chinese articles into English. You can view my edited translations here:
  - <https://www.vice.com/en/article/j5q7eg/when-your-entire-world-is-one-of-hong-kongs-most-notorious-buildings>
  - <https://www.vice.com/en/article/mb353p/theres-more-to-sichuan-cuisine-than-hot-pot>
  - <https://www.vice.com/en/article/a37pb4/photographing-the-disastrous-effects-of-sand-mining-on-the-mekong-river>
  - <https://www.vice.com/en/article/kzxb5a/what-a-bowl-of-noodles-has-taught-me-about-home-and-identity>
  - <https://www.vice.com/en/article/qvwnxd/theres-a-tiny-surf-paradise-on-the-edge-of-one-of-chinas-biggest-cities>
  - <https://www.vice.com/en/article/evm9n4/theres-an-abandoned-amusement-park-dedicated-to-the-american-dream-in-china>
  - <https://www.vice.com/en/article/needqw/the-successor-to-bruce-lees-one-inch-punch-shows-us-all-what-real-kung-fu-looks-like>
  - <https://www.vice.com/en/article/mbppb8/dodging-death-with-chinas-snake-catchers>
  - <https://www.vice.com/id/article/gydyn3/begini-cara-main-pachinko-dan-menikmati-jepang-sesungguhnya-bagi-pemula>

## Y3 Technologies

April 2009 – August 2009

### IT Intern

- Performed quality testing.
- Organized workshop.
- Wrote documentation.

## Singapore Management University

2010 – 2017

### Teaching Assistant at the School of Information Systems

- During the period 2010-2017, I was intermittently a teaching assistant for a course.
- From September – December 2017, I was a teaching assistant for the course “Information Systems and Innovation”.
- From January – April 2016, I was a teaching assistant for “Data Warehousing and Business Analytics”.
- From January – April 2011, I was a teaching assistant for “Data Mining and Business Analytics”.
- From January – April 2010, I was a teaching assistant for “Information Security and Trust”.
- As a teaching assistant my responsibilities included grading assignments, answering questions from students, aiding the professor in preparing in-class exercises, and helping students with in-class exercises.

## PUBLICATIONS

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**Google Scholar:** <https://scholar.google.com/citations?user=5pAqgfwAAAAJ&hl=en>

### Sensing Community Resilience from COVID-19 Using Social Media

2021

*Felicia N. HUANG, Kelly LIM, Evan SIDHI, and Belinda YUEN*

A book chapter in “COVID –19 : Geospatial Information and Community Resilience” by Taylor and Francis Group

### Offline versus Online: A Meaningful Categorization of Ties for Retweet

SocInfo 2018

*Felicia NATALI and Feida ZHU*

The 10<sup>th</sup> International Conference on Social Informatics

### Exploring Offline Friendships on the Social Information Network: Network Characteristics, Information Diffusion, and Tie Strength

Thesis Defense 2018

*Felicia NATALI*

Singapore Management University Thesis Defense 2018

### The Role of Different Tie Strength in Disseminating Different Topics on a Microblog

ASONAM 2017

*Felicia NATALI, Binxuan HUANG, Kathleen M. CARLEY, Feida ZHU*

The International Conference on Advances in Social Network Analysis and Mining 2017

### A Comparison of Fundamental Network Formation Principles between Offline and Online Friends On Twitter

NetSciX 2016

*Felicia NATALI, Feida ZHU*

International School and Conference on Network Science 2016

### Extending the Network: The Influence of Offline Friendship on Twitter Network

AMCIS 2016

*Youngsoo KIM, Kyungsub CHOI, and Felicia NATALI*

Americas Conference on Information System 2016

### Investigating the Influence of Offline Friendship on Twitter Networking Behaviors

HICSS 2016

*Youngsoo KIM, Felicia NATALI, Feida ZHU, and Ee-Peng LIM*

49<sup>th</sup> Hawaii International Conference on System Sciences

## PROJECTS

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**Github:** <https://github.com/fnhuang>

### SABRE (Southall and Brent Studies)

2021 -

SABRE (Southall and Brent Studies) is a population based cohort study comparing cardiovascular disease and diabetes between White British people and first-generation migrants of South Asian or African Caribbean heritage recruited from West London. The data is now being prepared for the migration into a data sharing platform Swallow. As a data manager for SABRE, my roles include:

- Data preparation and cleaning, i.e., finding & imputing missing values from different databases and file storage, labeling variables, providing documentation, and reconciling duplicated data.
- Extracting relevant data for researchers. On occasions, SABRE data is required for different research projects, and they need to be made ready for use. Due to the dataset sensitivity, only relevant variables are extracted. Additionally, the data may need to be complemented by internal or external datasets, e.g. deprivation data from the Office for National Statistics.

## SKILLS

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- Fluent **English**, Fluent **Bahasa Indonesia**, Advanced **Chinese** (HSK6/CEFR B2+), Basic **Russian** (CEFR A2).
- Python, R, Octave, Java, JavaScript, SQL, HTML / CSS, Bash, Hugo, Github, Stata