

FELICIA NATALI HUANG

Address: 1-19 Torrington Place 5th Floor, MRC LHA at UCL, London WC1E 7HB

<http://fnooi.com> | felicia.huang@ucl.ac.uk

EDUCATION, QUALIFICATION, AND TRAINING

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

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

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_id/contributor/felicia-huang

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

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 10th 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

49th Hawaii International Conference on System Sciences

PROJECTS

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

- 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