

Yi-Shyuan Chiang

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Research Interest

My research interests revolve around how humans interact with algorithmic systems. I am also very fascinated by AI ethics and algorithmic accountability, i.e., audits and explanations. In long term, I wish to help draft up sustainable technology policies.

Research Experience

Academia Sinica

GRADUATE RESEARCH ASSISTANT

Taipei, Taiwan

Oct 2018 - Mar 2021

- Designed a risk-assessing NLP system for financial reports, accepted by AAAI'19.
- Visualized hierarchical attention network for enhanced sentence-level and document-level explainability.

National Chiao Tung University

GRADUATE RESEARCH ASSISTANT

Hsinchu, Taiwan

Oct 2018 - Jun 2020

- Studied how users interact with smart home routine assistants and provided implications for future designers.
- Conducted qualitative analysis that revealed better ways to deliver notifications for different VR activities.
- Analyzed instant messaging patterns literature and proposed a new model to understand (ir)responsiveness.

Publications

PUBLISHED

Exploring the Design Space of User Communication with Smart-home Routine Assistants

CHI'20

YI-SHYUAN CHIANG*, RUEI-CHE CHANG*, YI-LIN CHUANG, SHIH-YA CHOU, HAO-PING LEE, I-JU LIN, JIAN-HUA JIANG CHEN, YUNG-JU CHANG (*EQUAL CONTRIBUTION)

Apr. 2020

Bridging the Virtual and Real Worlds: A Preliminary Study of Messaging Notifications in Virtual Reality

CHI'20

CHING-YU HSIEH, YI-SHYUAN CHIANG, HUNG-YU CHIU, YUNG-JU CHANG

Apr. 2020

FRIDAYS: A Financial Risk Information Detecting and Analyzing System

AAAI'19

CHI-HAN DU, YI-SHYUAN CHIANG, KUN-CHE TSAI, LIANG-CHIH LIU, MING-FENG TSAI, CHUAN-JU WANG

Feb. 2019

[Under Revision] To Whom Are IM Users (Un)Responsive, and What Makes Them Responsive? An Empirical investigation

CSCW

HAO-PING LEE, YI-SHYUAN CHIANG, KUNG-PAI LIN, SHANG-HSUAN YANG, I-HUI YEH, XI-JING CHANG, HSIN-LING HSIEH, CHIA-YU CHEN, YUNG-JU CHANG

TBD

Industry Experience

Lee and Li, Attorneys at Law

TRAINEE SOLICITOR

Taipei, Taiwan

Spring 2021

- Passed Taiwan national bar exam specializing in intellectual property law (5% passing rate).
- Conducted legal research and analysis, ranging from trademark infringement to distribution agreement.

Trend Micro

HUMAN INTERFACE ENGINEERING INTERN

Taipei, Taiwan

Jul 2017 - Aug 2017

- Conducted a thorough competitor study covering 6 fellow Anti-Virus products.
- Redesigned system reports for Worry Free Business Security Solution.

Yahoo!(Now Verizon Media)

PRODUCT DESIGN INTERN

- Analyzed online shopping experiences and e-commerce user behaviors.
- Delivered new features which merged all 3 Yahoo! e-commerce searching experiences.

Taipei, Taiwan

Jul 2016 - Aug 2016

Talks

At the Intersection of Right to Explanation and Algorithmic Audit

INVITED PANEL SPEAKER FOR GRADUATE LAW AND ARTIFICIAL INTELLIGENCE CONFERENCE, GLAIC'19

Montreal

Feb. 2019

Honors & Awards

- 2017 **Intel Special Prize**, OPEN HCI Hackthon
- 2017 **Outstanding Oralist**, Philip C. Jessup International Law Moot Court, TW Round
- 2017 **Outstanding Memorial**, Philip C. Jessup International Law Moot Court, TW Round
- 2016 **Best Hack**, Yahoo! Bot Challenge
- 2015 **Best Memorial**, ICRC International Humanitarian Law Moot, TW Round

Education

National Tsing Hua University

LL.M IN LAW (4.0/4.3)

Hsinchu, Taiwan

2018 - 2021

National Cheng Chi University

LL.B IN LAW & B.S IN DIGITAL TECHNOLOGIES AND CONTENTS (3.98/4.3)

Taipei, Taiwan

2013 - 2018

Leadership

- 2017-2018 **Vice President**, NCCU Jessup International Law Club
- 2016-2017 **Marketing Executive**, NCCU Art Festival
- 2015-2016 **Student Representative for Law Dept.**, NCCU Student Parliament
- 2014-2015 **Art Director**, NCCU Student Association

Academic Services

MOBILE HCI'19

STUDENT VOLUNTEER

Taipei, Taiwan

Oct. 2019

Skills

HTML/CSS, Javascript, Python, MAXQDA, Affinity Diagram, Semi-structured Interview
Sketch, Azure, Invision, Figma, Adobe Suite (Photoshop, Illustrator, After Effect, Premiere Pro, Indesign)

Test Scores

TOEFL R29, L30, S27, W26 GRE Q168, V157