

Chun-Wei Chiang

Ph.D Student in Computer Science

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Education

Ph.D. Student in Computer Science, Purdue University	Expected 05/2024
Research Area: Human Computer Interaction and Machine learning	
M.S. in Computer Science, West Virginia University	08/2016 - 08/2018
Thesis title: Blockchain For Trustful Collaborations Between Immigrants, Citizens, And Governments	
Bachelor in Information Management, National Central University	09/2008 - 06/2012

Skills

<i>General Skills</i>	Data Analysis, Machine Learning
<i>Programming /Scripting Languages</i>	Python, Java, R, JavaScript, HTML
<i>Framework and tools</i>	TensorFlow, Vue.js, Django
<i>Languages</i>	English, Chinese

Professional Experience

Graduate Research and Teaching Assistant, Purdue University	01/2020 – now
<ul style="list-style-type: none">Conducted an empirical study to assess users' behavior and trust in machine learning models when machine failure happens and to help laypeople have appropriate trust in the AI system.Teaching: OOP in Java, Introduction to Data Science, Data structure and Algorithms	
Cofounder, Covoir	01/2019 - 08/2019
<ul style="list-style-type: none">Led team to design and build Blockchain oracle service which provides trustworthy off-chain data to the smart contracts on blockchains	
Graduate Research and Teaching Assistant, West Virginia University	01/2017 - 12/2019
<ul style="list-style-type: none">Implemented a Google Chrome extension in Python and JavaScript to train crowd workers to speed up on Amazon Mechanical Turk by saving 31.6% of working time.	
Software Engineer, Mitake Information Inc.	11/2014 - 06/2015
<ul style="list-style-type: none">Developed and maintained 8 stock exchange Android applications for stockbrokers by using Android SDK (with 300,000 times+ of download).	

Honor & Grants

• DIS 2020 Special Recognitions for Outstanding Reviews	2020
• Best Poster Honorable Mention, The World Wide Web Conference (WWW'19)	2019
• 1st place at pitch competition (~ USD 5,000), MouseBelt Blockchain Accelerator	2018
• Travel Grant (~\$1,700 USD), HCOMP	2018

Selected Publications

Co-authored twelve peer-reviewed publications, including CSCW, IUI and WWW.

- **Chun-Wei Chiang**, and Ming Yin. "Exploring the Effects of Machine Learning Literacy Interventions on Laypeople's Reliance on Machine Learning Models." 27th Annual Conference on Intelligent User Interfaces 2022. (IUI). 2022.
- **Chun-Wei Chiang**, and Ming Yin. "You'd Better Stop! Understanding Human Reliance on Machine Learning Models under Covariate Shift." 13th ACM Web Science Conference 2021. (WebSci), 2021.
- Saiph Savage, **Chun-Wei Chiang**, Susumu Saito, Carlos Toxtli, and Jeffrey Bigham. 2020. "Becoming the Super Turker: Increasing Wages via a Strategy from High Earning Workers." Proceedings of The Web Conference 2020. (WWW), 2020
- **Chun-Wei Chiang**, Anna Kasunic, and Saiph Savage. "Crowd Coach: Peer Coaching for Crowd Workers' Skill Growth." Proceedings of the ACM on Human-Computer Interaction 2. (CSCW), 2018.