

Chun-Wei Chiang

Email	chiang@chunwei.org	Phone	(304) 276 6228
LinkedIn	linkedin.com/in/chiang-chun-wei/	Website	chunwei.org

Education

Ph.D., Computer Science Aug 2018 – present

West Virginia University, Morgantown, WV

Research Interests: Human Computer Interaction, Machine Learning, Crowdsourcing, Blockchain

Publish 7 peer-reviewed paper (e.g., CSCW, CHI, WWW, DIS, etc)

GPA: 4.00 / 4.00

M.S., Computer Science Aug 2016 - Jul 2018

West Virginia University, Morgantown, WV

GPA: 3.70 / 4.00

B.S., Management Information System Sep 2008 - Jun 2012

National Central University, Taiwan

Work Experience

Graduate Research Assistant Jan 2017 - present

HCI lab, Morgantown, WV

- Design and implement a **Google Chrome extension** to train crowd workers to speed 31.6% up the work on Amazon Mechanical Turk through **crowdsourcing** method.
- Collaborate with Mexico Presidency and develop a budget supervision system through **blockchain** to encourage citizens involving in community development with local government.
- Advise on **Blockchain** Advisory Board, belonged to Mexico Presidency, how to build smart tender system.

Founder Jan 2019 - present

Covoir, Morgantown, WV

- Lead team to design and build **Blockchain** oracle service which provides trustworthy off-chain data to the smart contracts on blockchains in real time through **crowdsourcing** and **machine learning** methods.
- Write white paper and design the business model of our Oracle service.
- Awarded funding from MouseBelt Blockchain Accelerator pitch competition, standing out from 60 projects.

Blockchain Engineering Lead Feb 2018 - Dec 2018

Cateno, San Francisco, CA

- Led blockchain developing team for building the minimum viable product Initial Coin Offer (ICO) Governance platform on Ethereum.
- Established the server by **Django** and use **web3.py** to connect to the smart contract on **Ethereum** network.

Android Application Engineer Jul 2014- Jun 2015

Mitake Inc., Taipei, Taiwan

- Mitake Inc. is the 1st largest stock trading mobile application provider in Taiwan.
- Developed stock exchange Android applications for stock broker by using **Java** and **Android SDK**.
- Collaborated with product management department to diagnose and evaluate customers' requirements and the application download amount exceeds 300,000 times.

Skills

General	Python, Android, Java, C, R, Machine learning (Keras), Data analysis
Blockchain	Solidity, web3.js, web3.py, Truffle
Web Design	JavaScript, HTML/CSS, Node.js, Meteor, Django, D3.js
Database	MongoDB, MySQL, SQLite
Foreign Languages	Mandarin (Native)

Peer-Reviewed Publications

7. Turker Tales: Integrating Tangential Play into Crowd Work
Anna Kasunic, Chun-Wei Chiang, Geoff Kaufman, Saiph Savage
DIS: ACM Conference on Designing Interactive Systems 2019. (Acceptance rate: 25%)
6. TurkScanner: Predicting the Hourly Wage of Microtasks
Susumu Saito, **Chun-Wei Chiang**, Saiph Savage, Teppei Nakano, Tetsunori Kobayashi and Jeffrey Bigham
WWW: The Web Conference 2019. (Acceptance rate: 20%)
5. Crowd Coach: Peer Coaching for Crowd Workers' Skill Growth
Chun-Wei Chiang, Anna Kasunic, Saiph Savage
CSCW: ACM Conference on Computer-Supported Cooperative Work 2018. (Acceptance rate: 25.6%)
4. Exploring Blockchain for Trustful Collaborations between Immigrants and Governments
Chun-Wei Chiang, Eber Betanzos, Saiph Savage
Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems. ACM.
(Acceptance rate: 31%)
3. Crowd Work on a CV? Understanding How AMT Fits into Turkers' Career Goals and Professional Profiles
Anna Kasunic, **Chun Wei Chiang**, Geoff Kaufman, Saiph Savage
CI: ACM Collective Intelligence Conference 2018
2. Designing Blockchain Technology to Transform Rural Communities
Chun-Wei Chiang, Eber Betanzos, Michael Austin, Saiph Savage
HCI for Blockchain Workshop of the 2018 CHI Conference on Human Factors in Computing Systems. ACM.
1. Understanding Interface Design and Mobile Money Perceptions in Latin America
Chun-Wei Chiang, Caroline Anderson, Claudia Flores Saviaga, Eduardo Jr Arenas, Felipe Colin, Mario Romero, Cuauhtemoc Rivera-Loaiza, Norma Elva Chavez and Saiph Savage
Latin American Conference on Human-Computer Interaction 2017 (Acceptance rate: 33%)

Award & Grants

- 1st place at pitch competition, MouseBelt Blockchain Accelerator, 2018
- Travel Grant, HCOMP, 2018
- Meritorious Tuition Waiver, West Virginia University, 2016

Service

- Peer reviewer
 - ACM CHI, ACM CHI LBW 2019
 - ACM CSCW, ACM IUI 2018
 - Journal of Big Data 2017
- Student Volunteer
 - IACR Crypto 2018
- Student Organization Leadership
 - Web Master, ACM WVU student chapter 2019