

I-Sheng (Eason) Chen

GitHub: github.com/EasonC13

LinkedIn: [linkedin.com/in/EasonC13](https://www.linkedin.com/in/EasonC13)

eason.tw.chen@gmail.com

(+886) 966-597-860

Yunhe Street, Daan District, Taipei, Taiwan

EDUCATION

Bachelor of Information Science at National Taiwan Normal University (NTNU)	Expected 2023/01
School of Learning Informatics, Program of Learning Sciences	Taipei, Taiwan
<ul style="list-style-type: none">GPA 4.12/4.3Academic Excellence Award & Excellent Student Scholarship at 2021 Fall	

RESEARCH EXPERIENCE

Ministry of Science and Technology	2021/06 - 2022/02
Undergraduate Research Project Principal Investigator	Taipei, Taiwan
<ul style="list-style-type: none">Researched on Building Natural Language Generation Chatbots which features multiple-reply and custom avatars with chosen emotion. Then compare the user experience of different designsResults published to CHI 2022, TAICHI 2021, and workshop of WWW 2022 as paper	
Google Summer of Code	2021/05 - 2021/08
Mentee , Contributed to Accord Project (Framework of Smart Legal Contracts)	Online
<ul style="list-style-type: none">Researched on Conversion of Raw Text Legal Agreements into Smart Legal Contracts using NLPResults presented as paper at workshop at POPL 2022 and submitting to workshop at NAACL 2022Co-work with various open-source contributors from US, UK, and India	
National Taiwan Normal University & National Taiwan University	2019/04 - Present
Research Assistant , for 7 different professors	Taipei, Taiwan
<ul style="list-style-type: none">Developed interactive creativity task platform and analyze the data, results published to SSCI journalUsing GPT-2, GPT-3 and BERT, built NLP chatbots with emotional and empathetic conversational abilitiesDesigned Integrated Data Export Pipeline by Google Cloud APIs, export data as PLS-SEM statistics input	

WORK EXPERIENCE

Cohart.co	2022/04 - Present
R&D Engineer , Part-time	Remote
<ul style="list-style-type: none">Research on Non-fungible token (NFT) Solutions for Art Creators on Ethereum BlockchainEducate colleagues on tips and principles for developing Blockchain applications	
FiO.one	2019/06 - 2021/12
R&D Engineer , Intern and Part-time	Taipei, Taiwan
<ul style="list-style-type: none">Received Best Intern Award for my implementation of data authentication process on FiO's productResearched on Blockchain Performance Optimization and Cloud Solution, results are patent pending	

PROGRAMMING SKILLS

- Blockchain:** Solidity, Hardhat, Truffle, Brownie, IOTA, Bitcoin, IPFS, Smart Legal Contract, OpenCerts
- AI & Data:** PyTorch, TensorFlow, Scikit-Learn, Pandas, Matplotlib, Snorkel, SHAP, GPT-3, SPSS, SmartPLS
- Frontend:** Vue, Nuxt, React, Angular, TypeScript, Tensorflow.js, IndexedDB, Bootstrap, Selenium
- Backend:** FastAPI, Flask, Django, Express.js
- Database:** MongoDB, PostgreSQL, Redis, LevelDB, Elasticsearch, Weaviate
- Cloud & Server:** GCP, AWS, Azure, Docker, CI/CD, Google APIs, Firebase, Ubuntu, CentOS, Nginx

LANGUAGES

- Chinese (Mandarin):** Native speaker
- English:** Fluent (TOEFL score 102)

COMMUNITY & PUBLIC SPEAKING EXPERIENCE

- 2020 - 2021 Google Developer Student Club (DSC) Lead at NTNU, host 3 workshops for 50+ students
- Addressed 5 Presentations at Annual Developer Community Conferences (SITCON and COSCUP)
- Delivered various Lectures at community, student clubs, course lecture, and workshops
- 2019 1st Place in the NTNU Freshman Oral Expression Competition

PUBLICATIONS

- Wu, C.-L., Su, Y.-D., **Chen, E.**, Chen, P.-Z., Chang Y.-L., Chen, H.-C. (2022). Development and Validation of Interactive Creativity Task Platform. *Frontiers in Psychology*, 13, Article 771820 (SSCI).
- **Chen, E.**, Tseng, Y.-H. (2022). A decision model for designing NLP applications. Paper presented at the User-Centered NLP workshop at ACM The Web Conference (WWW).
- **Chen, E.** (2022). The Effect of Multiple Replies for Natural Language Generation Chatbots. Paper presented at the ACM Conference on Human Factors in Computing Systems (CHI).
- Roche, N., Hernandez, W., **Chen, E.**, Siméon, J., & Selman, D. (2022). Ergo--a programming language for Smart Legal Contracts. Paper presented at the Programming Languages and the Law workshop at Principles of Programming Languages Conference (POPL).
- **Chen, E.**, Tseng, Y.-H., & Lo, K.-P. (2021). Focus Plus: Detect Learner's Distraction by Web Camera in Distance Teaching. Paper presented at the 2021 National Chair Professorship Academic Series: Teaching and Learning in Trans - pandemic Era: Idea Innovation and Practice Transformation.
- **Chen, E.**, & Tseng, Y.-H. (2021). A chatbot platform that allow custom avatars and emotions and can provides multiple replies. Demo presented at the Taiwan Computer-Human Interaction Conference (TAICHI).
- **Chen, E.**, Tseng, Y.-H., Chiou, G.-L., & Yuan, C.-W. T. (2021). How the numbers of replies and avatars influence the user experience in Natural Language Generation Chatbot. Paper presented at the Taiwan Computer-Human Interaction Conference (TAICHI).