CHIH-YANG HUANG

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Education & Training

National Taiwan University Taipei, Taiwan
M.S. in AI, Computer Science and Information Engineering (GPA 4.0/4.3) *2019 - 2021*

Institute of Statistical Science, Academia Sinica Taipei, Taiwan
Summer School Student *2017*

University of Malaya Kuala Lumpur, Malaysia
Exchange Program *2016 - 2017*

University of Taipei Taipei, Taiwan
B.S. in Computer Science (94.84/100) *2015 - 2019*

Working Experience

Senior Engineer Hsinchu, Taiwan
Design Engineering Service, Novatek Microelectronics Corp. *Apr. 2021 - Now*

- Python3 to parse data and connect with PostgreSQL
- Webix, Quasar, PrimeVue and Vue3 to build front-end website
- Mocha and Jest to do front-end website unit test
- Java Spring-boot to build back-end business models and algorithms
- JUnit to do back-end website unit test

Research Assistant Taipei, Taiwan
Research Center for Digital Humanities, National Taiwan University *Feb. 2019 - Jul. 2019*

Master Thesis

- Title: Company Failure Risk Assessment Based on the Court's Judgments
- Methods: Use bi-LSTM, word embedding, SVM and logistic regression to build several models. Establish web pages to visualize the results.
- Technical Skills: Python, PyTorch, HTML, CSS, JavaScript, PHP, MySQL

Conference Proceedings

Company Failure Risk Prediction Based on the Court's Judgments DADH 2020
Chih-yang Huang *Academia Sinica, Taipei*

An HGIS Platform of Taiwanese Land Deeds PNC 2019
Jieh Hsiang, Chih-yang Huang *Nanyang Technological University, Singapore*

An user-oriented HGIS platform on Taiwanese Land Deeds JADH 2019
Chih-yang Huang, Nung-yao Lin, Chung-Hsiang Ou *Kansai University, Osaka, Japan*

Journal Papers

DocuWidgets: Enhanced Toolkits for DocuSky 數位典藏與數位人文, (9), 1-13, 2022
Chih-Yang Huang, Jieh Hsiang, Hsieh-Chang Tu *NTU, Taipei*

Exact and Heuristic Algorithms for Some Spatial-aware Interest Group Query Problems Journal of Internet Technology, vol. 21, no. 4 , pp. 1199-1205, Jul. 2020
Chih-Yang Huang, Po-Chuan Chien, Yen Hung Chen *NTU, Taipei*

System Projects with DOI

淡新檔案客家研究數位分析系統 (DASH) Apr. 2020
HTML, CSS, JavaScript, PHP, MySQL, Sphinx Search Engine *RCDH, NTU*

THDL 古契書歷史地理資訊系統 Aug. 2019
HTML, CSS, JavaScript, PHP, MySQL *RCDH, NTU*

Community Projects

Inkrosetta, Top 20 Team in the 2022 Taiwan Presidential Hackathon Sep. 2022
The Uniform News Platform for Government *Executive Yuan, Taiwan*

E.SUN AI Open Competition Winter 2021-Credit Card Transaction Category Recommendation (13 / 859) Feb. 2022
LSTM, Neural Network Model *E.SUN Commercial Bank, Taipei*

References

Prof. Jieh Hsiang jhsiang@ntu.edu.tw
Department of Computer Science and Information Engineering, National Taiwan University
Distinguished Professor

Prof. Yen Hung Chen yhchen@utaipei.edu.tw
Department of Computer Science, University of Taipei *Associate Professor*