

Yu-Wen Pu 蒲郁文

I enjoy interdisciplinary learning and have taken courses in **computer science** and **social sciences**. I have some experience in **software development** and **user experience design**. I am interested in **designing digital services for communities** and **studying the relation between digital technology and civil society** using **empirical methods**.

🏠 Website: <http://ywpu.me/> ✉ Email: ywpu@cs.nctu.edu.tw 🔗 Linkedin: <https://linkedin.com/in/ywpu>

EXPERIENCE

Research Assistant Mar. 2019 – July 2019
National Center for High-performance Computing, National Applied Research Labs

Summer Intern July 2018 – Aug. 2018
National Center for High-performance Computing, National Applied Research Labs

Summer Student – IT Staff July 2017 – Aug. 2017
Tainan Manufacturing Center, Applied Materials Taiwan

Summer Intern July 2016 – Aug. 2016
Institute of Information Science, Academia Sinica

EDUCATION

Master of Science (M.S.) in Computer Science Sept. 2018 – Feb. 2021
National Yang Ming Chiao Tung University (formerly National Chiao Tung University)

Program of Cultural Studies Sept. 2018 – Feb. 2021
National Yang Ming Chiao Tung University (formerly National Chiao Tung University)

Bachelor of Science (B.S.) in Computer Science Sept. 2014 – June 2018
National Chiao Tung University

SKILLS

Web technologies: HTML, CSS, JavaScript, PHP, SQL 

User experience design and research 

Data analysis and visualization: Python, R 

Information society studies 

FEATURED PROJECTS

Designing an Interactive Interface That Facilitates Public Deliberation Based on Social Relations Mar. 2021

🔗 <http://ywpu.me/PDTD.pdf>

👤 Yu-Wen Pu (Advisors: Prof. Chuen-Tsai Sun, Prof. Yu-Sheng Lin)

Exploring the Design Possibilities in Extended Reality June 2020

🔗 <http://ywpu.me/d/vr360>

👥 Chun-Yu Huang, Hsiang-Chin Li, Pei-Wen Yeh, Yu-Wen Pu

Designing Culture Weaver, a Mobile Application for Preserving and Curating Local Culture and History, Through User-Centered Design Processes Jan. 2020

🔗 <http://ywpu.me/ucd>

👥 Hsin-Ju Lee, Kuan-Ying Wu, Shang-Hsuan Yang, Yen-Chun Lin, Yu-Wen Pu

Using Big Data to Analyze Gender Differences in Attitudes Toward Air Pollution Issues July 2019

👥 Yu-Wen Pu (Principal investigator: Dr. Chia-Lee Yang)

Researching the User Experience of Gongqibubei, a Mobile Application for Learning English June 2019

🔗 <https://youtu.be/LrPDHAKus1g>

👥 Bo-Xun Yu, Hsin-Yu Yao, Kuan-Ying Wu, Meng-Hsuan Tsai, Yu-Wen Pu

Analysis of Political Activities on Social Networking Sites Dec. 2017

🔗 <http://ywpu.me/APASNS.pdf>

👥 Yu-Wen Pu (Advisor: Prof. Chuen-Tsai Sun)

Designing and Developing a Biodiversity Analysis Application Aug. 2016

🔗 <https://github.com/yuwen41200/biodiversity-analysis>

👥 Yu-Wen Pu, Yun-Chih Chen (Advisor: Dr. Tyng-Ruey Chuang)

Designing and Developing a Graduation Ceremony Website May 2014

🔗 <http://www.ck.tp.edu.tw/~gra2014/>

👥 Chia-Sheng Chen, Yu-Wen Pu

OTHER PROJECTS

Automatic Topic Analysis of Facebook Posts Jan. 2018

🔗 <http://ywpu.me/d/tafp.pdf>

👥 Claire Meng-Hsuan Tsai, Jody Feng-Wen Ho, Yu-Wen Pu

Generating Movie Titles from Subtitles Automatically Jan. 2018

🔗 <http://ywpu.me/d/mtg.pdf>

👥 Hui-Chung Li, Hsuan-Ming Chang, Mien-Chung Chiu, Yu-Wen Pu

Developing a Web Front-End for a Production Monitoring System Aug. 2017

👥 Yu-Wen Pu

Building an LED Cube with a Microcontroller Jan. 2017

🔗 <https://youtu.be/0f-6uI6oZSM>

👥 Shih-En Hsueh, Yu-Wen Pu

Parallelizing Video Processing Programs

Jan. 2016

🔗 <http://ywpu.me/d/pvp>

👥 Cheng Sun, Po-Han Chen, Yu-Wen Pu

Open Data Application

Oct. 2015

🔗 <http://ywpu.me/meichu-hack-2015>

👥 Cheng Sun, Kuang-Lin Pan, Yong-Zhan Hong, Yu-Wen Pu, Zi-Qi Lin

Developing a Calendar Application

June 2015

🔗 <https://github.com/yuwen41200/personal-calendar>

👥 Yu-Wen Pu

Giving Tutorials on Web Development

Jan. 2015

🔗 <http://blog.ywpu.me/>

👥 Yu-Wen Pu

AWARDS

Undergraduate Research Contest, Honorable Mention

Dec. 2017

Department of Computer Science, National Chiao Tung University

👥 Yu-Wen Pu (Advisor: Prof. Chuen-Tsai Sun)

Application Design Contest, 2nd Place

Sept. 2015

Information Technology Services Center, National Chiao Tung University

👥 Chia-An Li, Chih-Peng Chang, Ying-Hsiang Chang, Yu-Wen Pu

Academic Achievement Award

Apr. 2015

National Chiao Tung University

👥 Yu-Wen Pu

Application Design Contest, 3rd Place

Sept. 2014

Information Technology Services Center, National Chiao Tung University

👥 Chun-Kai Chen, Feng-Chin Wu, Tsung-En Hsiao, Yu-Wen Pu

* Collaborators are listed in alphabetical order.