

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 (with a Focus on Sociology)	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	<div><div></div><div></div><div></div><div></div><div></div></div>
User experience design/research: interview, prototype, usability test	<div><div></div><div></div><div></div><div></div><div></div></div>
Data (text) analysis and visualization: Python, R	<div><div></div><div></div><div></div><div></div><div></div></div>
Information society studies (using empirical methods)	<div><div></div><div></div><div></div><div></div><div></div></div>

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)	
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
🔒 A project at National Applied Research Laboratories	
👥 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	
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	
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
🔒 A project at Applied Materials Manufacturing Center	
👥 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.