HAN-YUN(HENRY) YEH

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EDUCATION

National Chiao Tung University   HsinChu, Taiwan   *Sep. 2016 - Jan. 2019*

- M.S. in Communications Engineering (GPA: 4.18/4.3)

National Taipei University   Taipei, Taiwan   *Sep. 2012 - June 2016*

- B.S. in Communications Engineering (Rank: 1st, GPA: 3.72/4.0)

EXPERIENCE

IBM, Inc   June 2018 - Oct. 2018
Application Developer   *Taipei, Taiwan*

· Implemented health informaition suggestion project   *Python
· Implemented backend processing for website user behavior statistics   *Python, PHP, MongoDB, MySQL, AWS

IBM, Inc   Jul. 2017 - Aug. 2017
Application Developer Intern   *Taipei, Taiwan*

· Implmented AOI algorithm for defect detection   *Python

National Chiao Tung University   Sep. 2016 - Jan. 2019
Graduate Research Assistant   *HsinChu, Taiwan*

· Master Thesis *"End-to-end Pinyin to Character Language Model using Self-Attention Mechanism"*
· Dimensional sentiment analysis for Chinese phrases (DSAP) [1]
· Implemented Child Speech Imparment Supporting System   *Java

National Chiao Tung University   Sep. 2016 - Jan. 2019
Teaching Assistant   *HsinChu, Taiwan*

· Principle of Microcomputer, Logic Design and Lab

National Taipei University   Sep. 2012 - June 2016
Bachelor Research Assistant   *Taipei, Taiwan*

· Mandarin prosody generation [2][3][4]

National Taipei University   Sep. 2012 - June 2016
Teaching Assistant   *Taipei, Taiwan*

· Physics

HORNORS AND AWARDS

Academic

· **Phi Tau Phi Award** (2016) - The Phi Tau Phi Scholastic Honor Society, Taipei Taiwan
Award for top-ranked student in CE department among all classes
· **Best Paper Award** (2014) - Oriental COCOSDA [2] - Phuket, Thailand
· **Dean's List** (Fall '12, Fall '15) - NTPU CE Dept. - Taipe, Taiwan

· **Scholarship** (2014) - Elytone Electronic CO., LTD. - Taipei, Taiwan

Problem Solving, Contest
· **6th Place** (2017) - IJCNLP Shared Task 2 [1] - Taipei, Taiwan
· **1st Place** (2015) - NTPU CE Senior Project Competition - Taipei, Taiwan
· **Honerable Mention** (2014) - Taiwan National Collegiate Programming Contest - Taipei, Taiwan
· **29th Place** (2014) - ACM ICPC Jarkarta Regional - Jarkarta Indonesia

OTHER EXPERIENCE

NTPU CE Student Association   Sep. 2012 - June 2016
Director of Information Management   *Taipei, Taiwan*

· Manage student information system

CKHS Infor Club   Sep. 2010 - June 2011
Vice President   *Taipei, Taiwan*

· Senior high school computer science club

PUBLICATIONS

1. Yu-Ping Hung, Han-Yun Yeh, I-Bin Liao, Chen-Ming Pan, and Chen-Yu Chiang. An investigation on linguistic features for mandarin prosody generation. In *2014 17th Oriental Chapter of the International Committee for the Co-ordination and Standardization of Speech Databases and Assessment Techniques (COCOSDA)*, pages 1–5. IEEE, 2014

2. Chen-Yu Chiang, Yu-Ping Hung, Guan-Ting Liou, and Yih-Ru Wang. Improvements on punctuation generation inspired linguistic features for mandarin prosody generation. In *2016 10th International Symposium on Chinese Spoken Language Processing (ISCSLP)*, pages 1–5. IEEE, 2016

3. Yen-Hsuan Lee, Han-Yun Yeh, Yih-Ru Wang, and Yuan-Fu Liao. Nctu-ntut at ijcnlp-2017 task 2: Deep phrase embedding using bi-lstms for valence-arousal ratings prediction of chinese phrases. In *Proceedings of the IJCNLP 2017, Shared Tasks*, pages 124–129, 2017

4. Chen-Yu Chiang, Yu-Ping Hung, Han-Yun Yeh, I-Bin Liao, and Chen-Ming Pan. Punctuation-generation-inspired linguistic features for mandarin prosody generation. *EURASIP Journal on Audio, Speech, and Music Processing*, 2019(1):4, 2019

TECHNICAL STRENGTHS

Computer Languages	Python, C, Java, PHP
Databases	MySQL, PostgreSQL
Frameworks	TensorFlow