

HAN-YUN(HENRY) YEH

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EDUCATION

- | | | |
|---|-----------------|-----------------------|
| National Chiao Tung University | HsinChu, Taiwan | Sep. 2016 - June 2019 |
| • M.S. in Communications Engineering (GPA: 4.02/4.3) | | |
| National Taipei University | Taipei, Taiwan | Sep. 2012 - June 2016 |
| • B.S. in Communications Engineering (Rank: 1 st , GPA: 3.72/4.0) | | |

EXPERIENCE

- | | |
|---|---|
| IBM, Inc
<i>Application Developer</i> | June 2018 - Oct. 2018
<i>Taipei, Taiwan</i> |
| • Implemented health information suggestion project *Python | |
| • Implemented backend processing for website user behavior statistics *Python, PHP, MongoDB, MySQL, AWS | |
| IBM, Inc
<i>Application Developer Intern</i> | Jul. 2017 - Aug. 2017
<i>Taipei, Taiwan</i> |
| • Implemented AOI algorithm for defect detection *Python | |
| National Chiao Tung University
<i>Graduate Research Assistant</i> | Sep. 2016 - Jan. 2019
<i>HsinChu, Taiwan</i> |
| • 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 Impairment Supporting System *Java | |
| National Chiao Tung University
<i>Teaching Assistant</i> | Sep. 2016 - Jan. 2019
<i>HsinChu, Taiwan</i> |
| • Principle of Microcomputer, Logic Design and Lab | |
| National Taipei University
<i>Bachelor Research Assistant</i> | Sep. 2012 - June 2016
<i>Taipei, Taiwan</i> |
| • Mandarin prosody generation [2][3][4] | |
| National Taipei University
<i>Teaching Assistant</i> | Sep. 2012 - June 2016
<i>Taipei, Taiwan</i> |
| • Physics | |

HONORS 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. - Taipei, 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
- **Honorable Mention** (2014) - Taiwan National Collegiate Programming Contest - Taipei, Taiwan
- **29th Place** (2014) - ACM ICPC Jarkarta Regional - Jarkarta Indonesia

OTHER EXPERIENCE

NTPU CE Student Association
Director of Information Management

Sep. 2012 - June 2016
Taipei, Taiwan

- Manage student information system

CKHS Infor Club
Vice President

Sep. 2010 - June 2011
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 ijcnp-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