Rui Hu, *Curriculum Vitae*

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EDUCATION

Northern Arizona University, Flagstaff, AZ   08/2019 - 04/2021
M.A. in Teaching English as a Second Language (TESL)
Emphasis: Applied Linguistics
- Graduated with a GPA of 3.82/4.00 (Top 2%)
- Established solid understanding regarding linguistics, including phonetics, phonology, morphology, syntax, semantics, pragmatics, discourse analysis, sociolinguistics, corpus linguistics, and natural language processing
- Created and processed datasets, corpora, and models for linguistics-associated tasks
- Analyzed large amount of language data (written and spoken data), identified the best practices and improved procedures for linguistic and computational tasks
- Engaged in text labeling and tagging and demonstrated the ability to identify errors and preform edits / annotation

The Chinese University of Hong Kong, Shatin, Hong Kong   08/2017 - 05/2018
M.A. in Translation
- Graduated with a GPA of 3.338/4.000 (Top 3%)
- Automated computer-assisted translation and text analysis
- Conducted translation and interpretation tasks of all types of registers

Hunan University, Changsha, Hunan, China   09/2013 - 06/2017
B.A. in English
Minor: Computer Science (credit-based)
Emphasis: Applied Linguistics
- Graduated with Honors, with a GPA of 4.03/4.50 (Top 1%)
- Awarded National Scholarships by the Ministry of Education of China

Arizona State University, Tempe, AZ   08/2016 - 05/2017
Visiting Student - English (Literature)
- Achieved a GPA of 4.00/4.00 (Top 1%)
- Included in the Dean's List in Fall 2016 and Spring 2017
- Honored as the Face of ASU

AWARDS AND HONORS

Graduate Teaching Assistantship   2019-2021
Northern Arizona University, $68,000

Teaching Assistant Award   2019
Washington University in St. Louis - ALLEX Teacher Training Institute

Chinese Government Scholarship   2016-2017
China Scholarship Council, $13,500
Certificate #201606135107

First Prize at the 3rd National Business English Practice Contest, Final   2015
Ministry of Education, China, CNY1,000/$150

National Scholarship   2014-2015 & 2013-2014
Ministry of Education, China
Certificates #2015-13881, #2014-13895; awarded twice, CNY16,000/$2,500 in total

Merit Student   2014-2015 & 2013-2014
Hunan University, Hunan, China
Certificates #HDSHXS2015742, #SHXS20140760; honored twice

Building a Twitter Scraper & a Prototype Dictionary-based Sentiment Analyzer

Northern Arizona University, Completed individually, 2021

- Created several Python programs and collected Tweets (N = 3,200) from Twitter and built a corpus of Tweets
- Created a prototype dictionary-based sentiment analyzer and created a scoring system of the sentiment
- Compared the scoring by the prototype dictionary-based sentiment analyzer against the one by pre-trained machine learning sentiment analyzer
- Discussed the implications for sentiment dictionary building and applied linguistics research

Second Language (L2) English Speaker Analysis

Northern Arizona University, Completed individually, 2020

- Interviewed a non-native English speaker (N = 1) and collected the speech data by recording the interview with a semi-structured protocol
- Comprehensively analyzed the speech data at the levels of phonetics and phonology, morphology, syntax, and semantics/lexicon, with the main features listed below:
— Phonetics and phonology: stress, rhythm, accuracy of vowels, consonants (with accurate transcription using IPA when necessary)
— Morphology: inflectional and derivational morphemes
— Syntax: irregular past, comparative and superlative degrees of an adjective, third-person singular form
— Semantics and word choice: involving correct usage of words
- Described the characteristics of the speaker's speech and summarized the speaker's strengths and weaknesses
- From the perspective of L1-L2 transfer, analyzed the features of the speaker's speech and summarized the features that were rooted in the speaker's first language (L1) and the ones that were independent of the speaker's L1
- Provided a summary of potential instructional priorities on improving the speaker's English speaking

Characteristics of a Reading Comprehension Assessment:
  Measures of Validity and Reliability

Northern Arizona University, Completed with a research partner, 2020

- Developed a test to measure native and non-native English speakers' reading comprehension in the context of academic English (N = 26)
- Investigated the validity and reliability of the test
- Examined the test results by referring to descriptive statistics (mean, mode, midpoint, maximum, and minimum) and data distribution (standard deviation, skewness, and kurtosis of the curve)
- Discussed whether there was a statistically difference between the test results of native speakers and those of non-native speakers

Native and Non-native Speakers' Perception of American English Dialects

Northern Arizona University, Completed with a research partner, 2020

- Discussed to what extent both native and non-native speakers perceive different dialects in the US regarding correctness and pleasantness (N = 54)
- Performed independent t-tests of correctness and pleasantness scores to examine whether there was statistically significant differences between native and non-native speakers' ratings in terms of correctness and pleasantness
- Discussed the implications for language teaching and teacher training

TEACHING EXPERIENCE	**Academies of Mathematics and Science (AMS), South Mountain**, Phoenix, AZ

Foreign Language Teacher   07/2021 - Present
- Teach Mandarin Chinese at K-8 levels as a full-time teacher
- Use measurable data to track student performance and enrich their progress with visible results
- Stick to district and Arizona curriculum standards to teach students above and below grade-level through a differentiated approach

Northern Arizona University (NAU), Flagstaff, AZ
Instructor of Chinese   08/2019 - 04/2021
- Taught CHI 101, 102, 201, and 202 as a part-time instructor
- Assisted in curriculum design and management
- Designed curriculum and created test items
- Received exceptional student satisfaction rate

Washington University in St. Louis (WUSTL), St. Louis, MO
WUSTL-ALLEX Teacher Training Institute Practice Teacher   06/2019 - 07/2019
- Co-taught CHI 101 in Summer 2019
- Underwent intensive full-time training included basic principles of effective Chinese language pedagogy, classroom teaching techniques, the linguistic analysis of Chinese

PROFESSIONAL EXPERIENCE

Center for International Education, NAU, Flagstaff, AZ
Graduate Assistant, *part-time*   08/2019 - 05/2021
- Worked primarily as an international social media content specialist and produced posts regularly on NAU official social media platforms such as WeChat, Weibo, Tik-Tok - Chinese version (*Douyin*) and RED (*Xiaohongshu*)
- Developed marketing and promotional materials and participated in social media operation by ensuring adherence to NAU social media guidelines and procedures
- Completed other assigned tasks, including but not limited to organizing materials and helping incoming international students find solutions and resources to ease their transition

1000 Internet and Culture Studio, Hunan University (HNU), Changsha, China
Full Stack Developer, *part-time*   12/2013 - 06/2017
- Worked in the core developer team on several projects involving comprehensive expertise in full stack developer. Highlight projects include: *Grades Lookup System*, *Incoming Student Orientation*, and *HNU Online Bulletin Board*.
- Collaborated closely with technical and non-technical team members, especially designers and content specialists to delivered up-to-date website
- Performed code optimization and code refactoring; built simple, sustainable, and versatile code

Global Launch, Arizona State University (ASU), Tempe, AZ
Chinese - English Interpreter & Translator, *part-time*   09/2016 - 12/2016
- Conducted Chinese-English consecutive interpretation and translation for the visiting scholars from China, PAC-12 professional coaches and experts from ASU, National Collegiate Athletic Association (NCAA) and Pacific-12 (PAC-12)

INTERNSHIP AND VOLUNTEERING

Yuelu Academy, Changsha, Hunan, China
Chinese History Specialist, Translator, and Interpreter   06/2016

Emperor Qin's Mausoleum Site Museum, Lintong, Xi'an, Shaanxi, China
Chinese History Specialist, Translator, and Interpreter   07/2015 - 08/2015

The French Institute, Embassy of France in China, Beijing, China
Community Interpreter and Tour Guide   12/2014

Government of Hunan Province, Changsha, Hunan, China
Community Interpreter at the China (Changsha) Mineral and Gem Show   05/2014

INTERNAL SERVICE	**Master of Arts Public Relations Officer** Graduate Student Association of TESL and Applied Linguistics (GSALL) Northern Arizona University, 2019-2021
	Internal Vice-President Postgraduate Association of the Chinese University of Hong Kong (CUPSA) The Chinese University of Hong Kong, 2017-2018
CERTIFICATES	**Programming in C - Level II** National Computer Rank Examination (NCRE) Certificate #24424303089153 Ministry of Education of China, 03/2015 - No expiration
	Mandarin Proficiency - Level 1B Putonghua (Mandarin) Proficiency Test (PSC, initials in Chinese) Certificate #4314034000159 Ministry of Education of China, 04/2014 - No expiration
	Advanced Application of Microsoft Office - Level II National Computer Rank Examination (NCRE) Certificate #65394304928050 Ministry of Education of China, 03/2014 - No expiration
MEMBERSHIPS	- Association for Computational Linguistics (ACL) - American Council on the Teaching of Foreign Languages (ACTFL) - TESOL International Association (TESOL) - Chinese Language Teachers Association (CLTA)
LANGUAGES	**Native**: English, Chinese (Mandarin, Cantonese, Xiang) **Intermediate**: Spanish, French **Elementary knowledge**: Japanese, Korean, Malaysian, Indonesian **Ancient language (reading)**: Ancient Chinese
SKILLS	**Programming**: Python, C/C++, Java, Swift, Go, Git (version control) **Data analysis**: Excel, SPSS, Tableau, R **Machine learning**: Scikit-learn, SciPy, PyTorch, Tensorflow, Keras **Front end**: HTML, CSS, JavaScript, jQuery, Angular, Vue.js **Back end**: PHP, node.js, Apache **Database**: mySQL, PostgreSQL, MongoDB **Word processing**: Microsoft Office, LaTeX, XML **Environment**: Desktop, Server, Cloud: Amazon Web Services (AWS), Azure, Google Cloud **Operating system**: Linux: Ubuntu & CentOS + terminal commands, macOS, Windows **Multimedia**: Adobe Audition, Adobe Photoshop, Apple Final Cut Pro
DATE COMPLIED	Tuesday, November 2, 2021