

Resume of Dongpin Hu (Peter)

Contact Information

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Education Background

08/2018 - 09/2023 **The University of Hong Kong**
Major: Educational Technology
Degree: Doctor of Philosophy
PhD thesis title: The Effects of Dual Concept Mapping on Science Content and Foreign Language Integrated Learning

09/2014 - 06/2015 **The Education University of Hong Kong**
Major: Educational Studies
Degree: Master of Education (**Distinction**)

04/2020 - 09/2023 **The University of London**
Major: Computer Science in Machine Learning and Artificial Intelligence
Degree: Bachelor of Science (**First Class Honours**)

09/2008 - 06/2013 **Wenzhou University**
Major: Educational Technology
Degree: Bachelor of Education

Publications

- **Hu, D.**, Huang, L. Wang, M. & De La Torre, J. (2023). Supporting Content and Language Integrated Learning Through Computer-Based Dual Concept Mapping. *Computer-Assisted Language Learning*, in press (SSCI; Impact Factor: 7.0; Q1 in Education)
- **Hu, D.**, Yuan, B., Luo, J., & Wang, M. (2021). A Review of Empirical Research on ICT Applications in Teacher Professional Development and Teaching Practice. *Knowledge Management & E-Learning*, 13(1), 1-20. (ESCI; Impact Factor: 2.4; Q1 in Education; Citations: 31)

Research Interests

Learning Analytics, Multimodal Learning Analytics, Technology-Enhanced Learning, Collaborative Learning

Research and Statistical Skills

- **Research Skills:** literature review, systematic literature review, quasi-experimental design, item development, instructional materials development, quantitative data analysis, thematic analysis, report writing, conference presentation, machine learning techniques, video production, web development, natural language processing, epistemic network analysis
- **Statistical Skills:** t-test, ANOVA, ANCOVA, MANCOVA, moderation analysis, mediation, SEM, wilcoxon test, item total analysis, cohen's kappa, cronbach's alpha, KR20
- **Research Software/Packages:** SPSS, Mplus, NVivo, JMP
- **Programming Languages:** Python, R, JavaScript, C++, SQL, HTML/CSS

Work Experience

11/2023-10/2024 **The Hong Kong Centre for the Development of Educational Leadership (HKCDEL), Chinese University of Hong Kong, Hong Kong**
Role: Research Associate (full-time)
Duty: Conduct statistical analysis for questionnaires and qualitative analysis for interviews;

administrative work for Hong Kong principals training project; teaching at workshops

12/2023-06/2024

Faculty of Education, University of Hong Kong, Hong Kong

Role: Lecturer (part-time)

Duty: Teach the course *MLIM6210 Preservation of Information in Digital Age* to postgraduate students in Master of Science in Library and Information Management

08/2018-09/2023

Faculty of Education, University of Hong Kong, Hong Kong

Role: Research Assistant (part-time)

Duty:

1. conduct quasi-experimental studies in mainland China
2. develop instructional materials for quasi-experimental study
3. conduct qualitative and quantitative data analysis for collected data from experiments
4. work as a reviewer for Knowledge Management & E-Learning Journal
5. develop test items for UNESCO digital literacy assessment and conduct initial information retrieval for the systematic literature review related to UNESCO digital literacy studies

06/2016-09/2022

JHK Online English Training School England, United Kingdom

Role: Teacher, Manager (part-time)

Duty:

1. teach IELTS English in writing, reading, listening, and listening
2. teach academic writing, business English, and daily English

07/2015-02/2016

George English Training School Wenzhou, China

Role: Teacher, Director (full-time)

Duty:

1. teach business English and daily English to adults, international high school students, and secondary and primary school students
2. lead international and Chinese teachers in developing curriculum materials

09/2012-12/2012

Wenzhou Experiment Middle School Nanpu Branch, China

Role: Intern Teacher (full-time)

Duty:

1. teach IT lessons to junior middle students
2. implement project-based learning in a collaborative learning environment

Awards

- First Class Honours, 2023, University of London
- HKU Postgraduate Scholarship, 2018-2022, University of Hong Kong
- Distinction, 2015, Education University of Hong Kong
- Third-level Scholarship, Merit Student, 2010-2011, Wenzhou University
- Baihuihua Prize in Literature: Encouragement, 2010-2011

Professional Certificates

- Certificate of Teaching English to Speakers of Other Languages (TESOL), awarded by Arizona State University
- Certificate of Teaching and Learning in Higher Education, awarded by University of Hong Kong
- Teacher Qualification License (Information Technology) for Senior High School, China
- IBM AI Engineering Professional Certificate; IBM Data Science Professional Certificate
- Google IT Support Professional Certificate

Membership

- Society for Learning Analytics Research (SOLAR)
- The Hong Kong Educational Research Association (HKERA)