**Hengwei (Rachel) Zhang**

**Education**

**Ph.D., Center for Information System and Technology (CISAT), Claremont Graduate University, 2020**

Concentrations: Data Science, IT management, Cybersecurity

Dissertation Title: Exploring the Factors Promoting Team Effectiveness in the Process of Creating International Technology Standards: A Case Study of ISO/SAE-Joint Standard (21434) for Road Vehicle Cybersecurity

**M.S., Center for Information System and Technology (CISAT), Claremont Graduate University, 2017**

Concentrations: Data Science, Cybersecurity, IT management

**M.B.A., Drucker Business School, Claremont Graduate University, 2015**

Concentration: Finance, Business Analytics

**B.A, Economics & Law (Dual Degree), Beijing Technology and Business University, Beijing, China, 2011**

**Research Interests**

Knowledge Management and Data Mining, Health Informatics, Data/Business Analytics, Text Mining, IT Management, Cybersecurity, Design Science Research

**Grants**

Fletcher Jones Foundation (FJF) Faculty Research Grants, one-year, Claremont Graduate University

**Publications and Presentation**

Alismail, S., & Zhang, H. (2020). Exploring and Understanding Participants’ Perceptions of Facial Emoji Likert Scales in Online Surveys: A Qualitative Study. ACM Transactions on Social Computing, 3(2), 1-12.

Zhang, H., & Li, Y., (2019, Oct). Continuous Delivery Predictive Modeling Pipelines for Population Health Risk Stratification – Cases from a Regional Health Care Plan. Research Presented at the Institute for Operations Research and the Management Science (INFORMS), Seattle, WA.

Bechor, T., Zhang, H., & Cruz, L. (2018, March). Holistic Understanding of Challenges with Autonomous Vehicles. In Proceedings of the 9th International Multi-Conference on Complexity, Informatics and Cybernetics, Orlando, FL.

Alismail, S., & Zhang, H. (2018, January). The Use of Emoji in Electronic User Experience Questionnaire: An Exploratory Case Study. In Proceedings of the 51st Hawaii International Conference on System Sciences (HCISS).

Alismail, S., Zhang, H., & Chatterjee, S. (2017, May). A Framework for Identifying Design Science Research Objectives for Building and Evaluating IT Artifacts. In International Conference on Design Science Research in Information Systems (pp. 218-230) (DSR). Springer, Cham.

Bechor, T., Tomerlin, S., Zhang, H., & Skariah, L., (2016). Sony Picture Entertainment Breach: The Hack of the Century. The Case Center, reference no. 916-0027-1.

**Teaching Interests**

* **Programming Course**: Python/R programming for Business, Object-oriented programming (OOP), SQL
* **Data Science**: Database/Data warehouse Design and Management, Knowledge Discovery and Data Mining, Machine Learning/Artificial Intelligence (AI), Data/Business Analytics, Data Visualization, Health informatics, Natural Language Processing (NLP)
* **MIS Course**: IT management, Cybersecurity, Management of Information Systems
* **Research Method**: Design Science Research

**Teaching Experience**

**Adjunct Professor**, Claremont Graduate University

Introduction to Natural Language Processing (Graduate Level),Summer 2021

**Adjunct Professor**, Keck Graduate Institute

Genomic data visualization and management (Graduate Level),Spring 2021

Genomic data visualization and management (Graduate Level),Spring 2020

**Professional Experience**

Data Scientist and Research Fellow, Inland Empire Health Plan (IEHP), CA, U.S.A, 2017- 2020

Research Fellow, Volkswagen AG, Germany, 2017