

Hao-Ting Pai PhD

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## LECTURE

Career development, experience on research and living in USA and Germany, and learning Python & AI for fun

## ABSTRACT

In this lecture, I will share the secret to getting jobs as well as my experience of doing research at IBM T. J. Watson Research Center, Karlsruhe Institute of Technology, and IBM Almaden Research Center. Next, I will discuss the research finding that I collaborated with the researchers of IBM. The topic is about challenges of data-mining-based anomaly detection in big data analytics. Finally, I will show how Python is useful for doing research.

## BIOGRAPHY

About Hao-Ting Pai PhD, he served as an assistant prof. at National Yunlin University of Science and Technology since 2019. He received four national awards from Ministry of Science and Technology. First, research program in security issues on cloud computing, m-commerce and healthcare informatics at IBM T. J. Watson Research Center in USA in 2010. Second, DAAD sandwich program in data mining at Karlsruhe Institute of Technology (KIT) in Germany in 2012. Third, in 2013, doctoral thesis awards, the topic is about big data analytics. Fourth, LEAP program in artificial intelligence at IBM Almaden Research Center in USA from Oct. 2017 to Sep. 2018.

Regarding publication, the research results have been published in the journals and conferences: (1) Artificial Intelligence in Medicine (SCI, Q1); (2) Decision Support Systems (SCI, Q1); (3) Telematics and Informatics (SSCI, Q1); (4) Electronic Commerce Research and Applications (SCI & SSCI, Q1); (5) Proceedings of ACM, IEEE, and Springer. Regarding academic service, he was invited to be a reviewer of the following journals: (1) IEEE Communications Magazine, (2) Computer Methods and Programs in Biomedicine, (3) International Journal of Medical Informatics, (4) Telecommunication Systems, (5) Electronic Commerce Research, and so on.

He is interested in the research areas: (1) Explainable AI (XAI), (2) Big Data Analytics, (3) Anomaly Detection and Exploration, (4) Information Security, (5) Cloud Computing, and (6) Internet of Things (IoT).