BIO

Yueh-Hua Tu is a machine learning engineer in Taiwan AI Labs. His work focuses on research and developing computational biological models using machine learning and deep learning techniques. His research interests are in modeling gene regulatory networks, trajectory inference and cell fate discovery form integrative single-cell transcriptome and epigenome analysis. He received his PhD of Bioinformatics in Taiwan International Graduate Program (TIGP), Academia Sinica from Taiwan National University (NTU) in 2022. He received the Bachelor of Medical Laboratory Science and Computer Science dual degree from National Cheng Kung University (NCKU) in 2014 and the Master of Biomedical Informatics from National Yang Ming University (NYMU) in 2016. He has been lecturer for machine learning lesson in ITRI. He is the host and founder of Julia Taiwan community and maintains geometric deep learning package GeometricFlux.jl in Julia. He has written two books about Julia programming and data science. He has published seven research articles in journals, including Briefings in Bioinformatics and BMC Genomics, of which he is listed as first author on four.