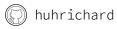
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EXPERIENCE

ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI | BIOINFORMATICIAN

Nov 2019 - Current | New York, United States of America

- → Developing ensemble machine learning methods to analyze multimodal biomedical data
- → Analyzing clinical cohorts by machine learning techniques
- → Teaching assistant of 'Machine Learning for Biomedical Data Science' (Spring I 2020 & 2021)

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY | CONSULTANT

Aug 2019 - Oct 2019 | Clear Water Bay, Hong Kong

- → Developing Smart Fever Screening System by integrating stereo & thermal camera
- → Enabling localization of people potentially having fever

HONG KONG TELECOMMUNICATION LIMITED | SUMMER INTERNSHIP

Jun 2015 - Aug 2015 | Quarry Bay, Hong Kong

→ Summarizing up-to-date anti-DDoS solution

PUBLICATION/PREPRINT

INTEGRATING MULTIMODAL DATA THROUGH INTERPRETABLE HETEROGENEOUS ENSEMBLES

Li YC; Wang L; Law J; Murali TM; Pandey G. bioRxiv 2022 Jan 15, doi: https://doi.org/10.1101/2020.05.29.123497

MACHINE LEARNING-DRIVEN IDENTIFICATION OF EARLY-LIFE AIR TOXIC COMBINATIONS AS-SOCIATED WITH CHILDHOOD ASTHMA OUTCOMES

Li YC, Hsu HL, Chun Y, Chiu PH, Arditi Z, Claudio L, Pandey G, Bunyavanich S. J Clin Invest. 2021 Nov 15;131(22):e152088. doi: 10.1172/JCI152088.

DEVELOPING BETTER DIGITAL HEALTH MEASURES OF PARKINSON'S DISEASE USING FREE LIVING DATA AND A CROWDSOURCED DATA ANALYSIS CHALLENGE

Sieberts SK, Henryk B., ..., Li YC,..., Omberg L, medRxiv 2021.10.20.21265298; doi: https://doi.org/10.1101/2021.10.20.21265298

CLINICAL FEATURES OF COVID-19 MORTALITY: DEVELOPMENT AND VALIDATION OF A CLINI-**CAL PREDICTION MODEL**

Yadaw AS, Li YC, Bose S, Iyengar R, Bunyavanich S, Pandey G. Lancet Digit Health. 2020;2(10):e516-e525. doi:10.1016/S2589-7500(20)30217-X

CONFERENCE PRESENTATION

AUTOMATIC INSTANCE-EDGE DETECTION NETWORK (AID-NET) - VERTEBRAL EDGE DETEC-TION BY DEEP LEARNING

Li RYC, Chin NJW, Wang Y, So RHY. European Society for Clinical Investigation Congress (ESCI Congress) 2019, Coimbra, Portugal, May 2019.

FAST SIMILARITY MEASURE OF SWATH-MS BY COSINE SIMILARITY OF RANDOM PAIRS (CS-RP).

Li YC, Wu L, Lam H. Oral Presented at Asia Oceania Mass Spectrometry Conference (AOMSC) 2017, Biopolis, Singapore, Dec 2017.

AN EFFICIENT AND ACCURATE FEATURE-BASED LABEL-FREE QUANTIFICATION SOFTWARE

Wu L, Li YC, Lam H. 15th Human Proteome Organization World Congress, (HUPO 2016), Taipei, Taiwan, Sep 2016

EDUCATION

THE HONG KONG UNI-**VERSITY OF SCIENCE** AND TECHNOLOGY

M.PHIL. IN BIOENGINEERING 2019 | Hong Kong

THE HONG KONG UNI-**VERSITY OF SCIENCE** AND TECHNOLOGY

B.Eng. in Computer ENGINEERING, MINOR IN **MATHEMATICS** 2017 | Hong Kong

SKILLS

PROGRAMMING

Proficient: Python • R Experienced: CUDA C • C++ • Java • javascript • LATEX

REVIEWER

ACM-SIGKDD 2022 • ISMB 2022 • ACM-BCB 2021, 2022 • IEEE BigData 2020

REFERENCES

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