

# WANG JIUMING

jmwang9@cse.cuhk.edu.hk | +852 5307 3954 | wangjiuming.github.io/homepage/

## EDUCATION

**The Chinese University of Hong Kong (CUHK)**  
BEng in Artificial Intelligence: Systems and Technologies  
cGPA: **3.87**/4.00, major GPA: **3.98**/4.00

08/2019 – 07/2023 (expected)

## PUBLICATIONS (\* equal contribution)

1. AcrNet: Predicting Anti-CRISPR with Deep Learning, Y. Li\*, Y. Wei\*, S. Xu, Q. Tan, L. Zong, **J. Wang**, Y. Wang, J. Chen, L. Hong, Y. Li, Bioinformatics (IF=6.94), 2023
2. Deep autoencoder for interpretable tissue-adaptive deconvolution and cell-type-specific gene analysis, Y. Chen\*, Y. Wang\*, Y. Chen, Y. Cheng, Y. Wei, Y. Li, **J. Wang**, Y. Wei, T. Chan, Y. Li, Nature Communications (IF=17.69), 2022

## RESEARCH EXPERIENCE

**Research Intern**, King Abdullah University of Sci. and Tech., Saudi Arabia Jun 2022 – Sept 2022  
Topic: Peptide Structure Encoding with Self-Contrastive Learning (supervised by Prof. GAO Xin)

**Research Intern (part-time)**, AI in Healthcare (AIH) Group, CUHK Sept 2021 – present  
Topic: Precise RNA Folding Modeling with Deep Learning (supervised by Prof. LI Yu)

**Research Intern**, AIH Group, CUHK Jun 2021 – Sept 2021  
Topic: Chromatin Loop Detection via Deep Learning (supervised by Prof. LI Yu)

## AWARDS AND SCHOLARSHIPS

<b>Hong Kong PhD Fellowship (HKPFS)</b>	2023/24
<b>CUHK Vice-Chancellor Scholarship</b>	2022/23
<b>Yao Fellowship (2/1,035)</b>	2022/23
<b>Hong Kong SAR Government Scholarship (top 1%)</b>	2022/23
S. H. Ho College Scholarship for General Education	2022/23
Yu To Sang Memorial Scholarship	2022/23
Hung To An Memorial Scholarship	2022/23
<b>Master's List Award (15/600+)</b>	2022/23
<b>Gold Award for Outstanding Academic Performance (3/1,035, ranked the first)</b>	2021/22
<b>Professor Charles K. Kao Research Exchange Scholarship (7/2,525)</b>	2021/22
Professor S. C. Loh Scholarship	2020/21
Outstanding Student Scholarship	2020/21, 2021/22, 2022/23
Dean's List	2019/20, 2020/21, 2021/22
ELITE Stream Scholarship	2019/20, 2020/21
Matriculation Award	2019/20

## LANGUAGE PROFICIENCY

- Mandarin (native)
- English (proficient): **IELTS 8.0/9.0** (Reading 9.0, Listening 9.0, Writing 7.5, Speaking 7.0)
- French (elementary): CEFR-A1

## SKILLS

- Deep learning tools: PyTorch (experienced), TensorFlow
- Programming languages: Python, C/C++, OpenGL, MATLAB, Unix, HTML, CSS