DONG Qihua

dongqh078@gmail.com

EDUCATION

2017 Sept - 2021 July	**B.Sc. in Computer Science,** City University of Hong Kong, Hong Kong (HK) **Minor in Mathematics** • CGPA 3.89, Major GPA 3.95, Minor GPA 4.08 (Top 5%)

ENGLISH TEST GRADES

TOEFL	109
GRE	330 + 3.5

EXPERIENCE

2021 Aug - Now	**Research Assistant** Department of Computer Science, City University of Hong Kong, HK • Supervised by Professor Liao Jing and worked on 3D medical image segmentation using weakly supervised methods.
2020 Sept - 2021 May	**Research Assistant** Department of Computer Science, City University of Hong Kong, HK • Supervised by Professor Wang Jianping and researched scheduling strategies for self-driving tasks on autonomous driving cars, which aims to provide an Age-of-Information oriented solution
2019 Sept - 2020 June	**Full-stack Programmer, Internship** Sik Sik Yuen, HK • Developed an app that identifies the emotion of users and maintained the existing app service
2018 Summer	**Research Assistant** Department of Computer Science, City University of Hong Kong, HK • Assisted Professor Xu Hong in conducting experiments to benchmark machine learning framework performance on different mobile processors

ACADEMIC AWARDS AND SCHOLARSHIPS

2017 - 2021	**Dean's List**, City University of Hong Kong, HK
2017 - 2021	**Full Tuition Scholarship**, City University of Hong Kong, HK
2019	**Bronze Medal**, **The 2019 ICPC Asia Nanchang Regional Contest**, Jiangxi Normal University, China

Publications

- Du Hao*, **Dong Qihua*,** Xu Yan, Liao Jing. "**Weakly-Supervised 3D Medical Image Segmentation using Geometric Prior and Contrastive Similarity**". To be submitted to *IEEE Transactions on Medical Imaging, 2022*.

- He Ruozhen*, **Dong Qihua***, Lin Jiayin, Rynson Lau. "**Weakly-Supervised Camouflaged Object Detection with Scribble Annotations**". Submitted to *Proc. NeurIPS, 2022*.

RESEARCH INTERESTS

I am interested in understanding and applying AI techniques and passionate about the profound nature of intelligence.

UNIVERSITY ACTIVITIES AND COMMUNITY SERVICE

2019	**Outstanding Athlete** in Professor Edmond Ko Cup's Relay Competition, City University of Hong Kong, HK
2018	**City-Youth Empowerment Project**, City University of Hong Kong, HK

- Organized and delivered English interview workshops for underprivileged primary school students

2018	**Stellar Social Practice Project**, Fudan University, Shanghai

- Visited villages in Yunnan Province to explore and promote Yi minority culture