

## EDUCATION

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- 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% )

## EXPERIENCE

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- 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

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- 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

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- 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

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

## ENGLISH TEST GRADES

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TOEFL	109
GRE	330 + 3.5

## UNIVERSITY ACTIVITIES AND COMMUNITY SERVICE

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2019	<b>Outstanding Athlete</b> in Professor Edmond Ko Cup's Relay Competition, City University of Hong Kong, HK
2018	<b>City-Youth Empowerment Project</b> , City University of Hong Kong, HK <ul style="list-style-type: none"><li>Organized and delivered English interview workshops for underprivileged primary school students</li></ul>
2018	<b>Stellar Social Practice Project</b> , Fudan University, Shanghai <ul style="list-style-type: none"><li>Visited villages in Yunnan Province to explore and promote Yi minority culture</li></ul>