

# Ruojin CAI

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## EDUCATION

- Department of Computer Science, Cornell University** Aug, 2019 - Present
- Ph.D. Student
- Department of Automation, Tsinghua University** Aug, 2015 - Jul, 2019
- Bachelor of Engineering in Automation
  - GPA: 3.85/4.0 (top 3%)
  - Graduated with Outstanding Honor
- School of Engineering, Hong Kong University of Science and Technology** Aug - Dec, 2017
- Exchange student
  - Semester GPA: 4.2/4.3

## PUBLICATIONS & MANUSCRIPTS

- **Ruojin Cai\***, Guandao Yang\*, Hadar Averbuch-Elor, Zekun Hao, Serge Belongie, Noah Snavely, Bharath Hariharan. Learning Gradient Fields for Shape Generation. In ECCV, 2020 (Spotlight). (\*Co-first authors)
- Zhixiang Chen\*, **Ruojin Cai\***, Jiwen Lu, Jianjiang Feng and Jie Zhou. Order-Sensitive Deep Hashing for Multimorbidity Medical Image Retrieval. In MICCAI, 2018. (\*Co-first authors)

## RESEARCH EXPERIENCES

- Department of Computer Science, Cornell University** | Graduate Research Assistant Aug, 2019 – Present  
Supervisor: Prof. Bharath Hariharan and Prof. Noah Snavely
- Department of Computer Science, Cornell University** | Research Intern Jul, 2018 – Nov, 2018  
Supervisor: Prof. Kilian Weinberger
- Department of Automation, Tsinghua University** | Undergraduate Researcher May, 2017 – Jul, 2019  
Supervisor: Prof. Jie Zhou and Prof. Jiwen Lu

## AWARDS AND SCHOLARSHIPS

- National Scholarship 2015
- Guangzhou Pharmaceutical Holdings Limited Scholarship 2016
- Qualcomm Scholarship 2017
- Dean's List at Hong Kong University of Science and Technology 2017
- Comprehensive Excellent Scholarship of Tsinghua University 2018
- Student Award for Research and Innovation 2018

## TEACHING EXPERIENCE

- Teaching Assistant**
- CS4620 Introduction to Computer Graphics Aug - Dec, 2019
- CS4700 Foundations of Artificial Intelligence Jan - May, 2020