

Pingchuan Ma

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Research Interests

My research interests lie on computer vision, computer graphics and robotics.

Education

Massachusetts Institute of Technology , Cambridge, MA <i>Ph.D. in Computer Science, The Department of Electrical Engineering and Computer Science</i>	Sep. 2019 - Present
Nankai University , Tianjin, China <i>B.E. in Software Engineering (outstanding undergraduate award), College of Software</i> - Major GPA: 93.9/100 Overall GPA: 92.1/100 Ranking: #1/91	Sep. 2015 - Jun. 2019

Research Experience

Research Assistant at MIT CSAIL , Cambridge, MA <i>Computational Fabrication Group - Advisor: Prof. Wojciech Matusik</i>	Sep. 2019 - Present
Research Intern at ByteDance AI Lab , Beijing, China <i>US CV Lab - Advisors: Dr. Xiaojie Jin and Dr. Jianchao Yang</i>	Jul. 2019 - Aug. 2019
Research Assistant at The University of Hong Kong , Hong Kong <i>The Department of Computer Science - Advisor: Prof. Jia Pan</i>	Feb. 2019 - May 2019
Research Intern at SenseTime Research , Shenzhen, China <i>BigVideo Team - Advisors: Prof. Ping Luo and Dr. Wei Zhang</i>	May 2018 - Feb. 2019
Research Assistant at Nankai University , Tianjin, China <i>Media Computing Lab - Advisors: Prof. Ming-Ming Cheng and Dr. Bo Ren</i>	Apr. 2016 - Jun. 2019

Publications

- [1] **Pingchuan Ma***, Yunsheng Tian*, Zherong Pan, Bo Ren, and Dinesh Manocha. "Fluid Directed Rigid Body Control using Deep Reinforcement Learning". In: *ACM Transactions on Graphics (Proc. SIGGRAPH 2018)* 37.4 (2018), p. 96.

Awards and Honors

Outstanding Undergraduate Thesis Award (Top 1%)	2019
Zhou Enlai Scholarship Candidate (20 out of all undergrads)	2018
The First Prize Scholarship (Top 5%)	2017, 2018
Excellent Volunteer, Nankai University	2017
National Scholarship (Top 1%)	2016

Technical Strengths

English Proficiency

- *TOEFL iBT*: Overall 104 (Reading 30, Listening 27, Speaking 26, Writing 21)
- *GRE*: Verbal 160 (86%), Quantitative 169 (96%), Analytical Writing 3.0 (17%)

Last updated: February 20, 2020