Jiacheng Hou

- **Gender:** Male
- **Tel.:** +86 15675788929
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- **Add.:** Weijin Road No.92, Nankai district, Tianjin, China

Education

- **Georgia Institute of Technology (GT, U.S.)** 2021.9 – now
  MS in Electrical and Computer Engineering **GPA:** 3.9/4.0

- **Tianjin University (TJU, China)** 2021.4. – now
  MS in Information and Communication Engineering **GPA:** 91.33/100

- **Bangor University (U.K.)** 2017.9 – 2020.6
  BS in Electronic Engineering **GPA:** 85.53/100 (First class honors)

- **Central South University of Forestry and Technology (China)** 2016.9. – 2020. 7.
  BS in Electronic Information Engineering **GPA:** 4.03/5 (top 10%)

Publication

- **Space-Time Memory-Guided Transformer for Video Inpainting, Jiacheng Hou** et al., ICCV 2023, under review, 2023 (CCF-A)

- **Mutual-Guided Color and Depth Inpainting Network, Jiacheng Hou** et al., CVPR 2023 under review, 2022 (CCF-A)

- **Wire-removal method, device and medium based on deep generative models,** Zhong Ji, **Jiacheng Hou**, China Patent, 2022 (In-progress)

- **G2LP-Net: Global-to-Local Progressive Video Inpainting Network**, Zhong Ji, **Jiacheng Hou**, IEEE TCSVT, 2022 (CCF-B, IF=5.859)

- **Reversible data hiding based on multiple histogram modification and deep neural networks**, Jiacheng Hou et al., SPIC, 2021 (CCF-C, IF=3.453)

Internship

- **ZOOMLION** – IOT depart. 2018.12 – 2019.2
  Working as the general intern to assist device development, e.g. writing device reports.

- **State Grid China** – Electrical Research Institute Hunan 2019.5 – 2019.11
  Working as the research intern to assist data collection, cleaning, pre-processing, literature review, paper writing, paper revision and etc.

- **South University of Science and Technology** – CS depart. 2022.5 – 2023.3
  Working as the visiting student carrying the research in RGB-D video processing.

Skills and Certificates

- **Language skills:** CET-4, CET-6, IELTS Band 7.5 (Speaking and Writing are 7)
- **Programming skills:** Python (Pytorch, tensorflow, keras), C++, MATLAB
- **Awards:** China National Scholarship (2022, 0.2%), Excellent student of Tianjin, Excellent Student of Tianjin University (2022), First-class Scholarship of Tianjin University (2021, 2022), Outstanding Graduate of CSUFT (2020) etc.