

Qitong Wang (He/Him/His)

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🌐 <https://wqtwjt1996.github.io/>

(Updated on Jul. 1st, 2024.)

Education

- 2021 – Now 📖 **Ph.D. University of Delaware**; Computer & Information Sciences.
Advisor: *Xi Peng*.
- 2018 – 2020 📖 **M.S. Boston University**; Computer Science.
Advisor: *Margrit Betke*.
- 2014 – 2018 📖 **B.Eng. Wuhan University of Technology**; Software Engineering.
GPA: 91.04/100; Rank: 2/228.

Research Publications

Work in progress & In submission

- 1 **Q. Wang**, E. Chinkaka, R. Richaud, M. Haghdadi, C. Wolk, K. V. Oromeng, K. F. Davis, F. Bianco, X. Peng, and J. M. Klinger.
“MO-SAM: Testing the reliability and limits of mine feature delineation using Segment Anything Model to democratize mine observation and research.”
▷ *Work in Progress*.
- 2 Z. Jia, **Q. Wang**, and et al.
“Anonymous Title.”
Conference on Neural Information Processing Systems (NeurIPS), 2024.
▷ *Top Conference in Artificial Intelligence*.
▷ *The first two authors contributed equally to this work*.

Journal & Conference

- 1 **Q. Wang**, L. Zhao, L. Yuan, T. Liu, and X. Peng
“Learning from Semantic Alignment between Unpaired Multiviews for Egocentric Video Recognition.”
International Conference on Computer Vision (ICCV), 2023.
▷ *Acceptance rate 26.1%; Top conference in Computer Vision & Pattern Recognition*.
- 2 **Q. Wang**, B. Fu, M. Li, J. He, X. Peng, and Y. Qiao
“Region-aware Arbitrary-shaped Text Detection with Progressive Fusion.”
IEEE Transactions on Multimedia (TMM), 2022.
▷ *Impact factor 7.3; Top journal in Multimedia*.
▷ *The first two authors contributed equally to this work*.
- 3 Y. Zou, J. Choi, **Q. Wang**, and J.-B. Huang
“Learning representational invariances for data-efficient action recognition.”
Computer Vision and Image Understanding (CVIU), 2022.
▷ *Impact factor 4.5; Prestigious journal in Computer Vision & Pattern Recognition*.
- 4 Y. Zheng, **Q. Wang**, and M. Betke
“Semantic-Based Sentence Recognition in Images Using Bimodal Deep Learning.”
IEEE International Conference on Image Processing (ICIP), 2021.
▷ *Prestigious conference in Computer Vision & Pattern Recognition*.
- 5 **Q. Wang**, Y. Zheng, and M. Betke
“A Method for Detecting Text of Arbitrary Shapes in Natural Scenes That Improves Text Spotting.”
Workshops of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPRW), 2020.

Internship & Collaboration

Sep 2021 – Aug 2024	📖 Graduate Research Assistant , University of Delaware.
Sep 2021 – Nov 2022	📖 Research Collaboration , Google Research.
Jun 2021 – Aug 2021	📖 Applied Science Intern , Amazon Web Service (AWS).
May 2020 – Aug 2020	📖 Visiting Student , Shenzhen Institute of Advanced Technology.

Awards

2024	📖 CIS Distinguished Graduate Student Award , University of Delaware.
2023	📖 Outstanding Conference Travel Award , CIS department of University of Delaware.

Services

Conference Reviewer	📖 ECCV-2024, BMVC-2024.
Journal Reviewer	📖 IEEE-TIP.
Vol. Conf. Reviewer	📖 CVPR-2023, NeurIPS-2023, AAAI-2024.
Vol. Jour. Reviewer	📖 IEEE-TAI, IEEE-TPAMI.

Invited Talk

Sep. 2023	📖 Extraction, Effluent, and Enumeration in Extraglobal Geopolitics ; Off-Earth Geopolitics Workshop. University of Oxford (virtually).
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Skills

Coding	📖 Python, Pytorch, \LaTeX , ...
Large Models	📖 CLIP, SAM, BERT, ...