

# Qitong Wang (He/Him/His)

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🌐 <https://wqtwtj1996.github.io/>

(Updated on Jun. 4th, 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

### In submission

- 1 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.
- 2 **Q. Wang** and et al. “Anonymous Title.”  
*European Conference on Computer Vision (ECCV)*, 2024.  
▷ Top conference in Computer Vision & Pattern Recognition.
- 3 **Q. Wang** and et al. “MO-SAM: Testing the reliability and limits of mine feature delineation using Segment Anything Model to democratize mine observation and research.”  
*PLOS Sustainability and Transformation*, 2024.





### 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.”  
*Proceedings of the IEEE 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

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- 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 2021 – Aug 2020     **Visiting Student**, Shenzhen Institute of Advanced Technology.





## Awards

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


## Services

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- 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

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

## Skills

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- Coding     Python, Pytorch,  $\text{\LaTeX}$ , ...
- Large Models     CLIP, SAM, BERT, ...