

Qitong Wang (He/Him/His)

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🌐 <https://wqtwtj1996.github.io/>

(Updated on Jul. 3rd, 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*.

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.





Internship & Collaboration (continued)

- 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).

Skills

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