Zhisheng Qi

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Github | G-Scholar | Homepage

Education

- **Hainan University** *Sep. 2021 - Jun. 2025 (expected)*
  B.E. in Artificial Intelligence GPA: 3.84/4.00, Rank: 2/90

Research Experience

- **Student Researcher** *Feb. 2023 - present*
  Hainan University, Haikou, Hainan
  - **Supervisor:** Siling Feng
  - **Project:** Dynamic Recommendation Method Based on Temporal Knowledge Graph
    - Developed advanced methods for extrapolation in temporal knowledge graphs and addressed normalization issues in hyperbolic models.
    - **Publication:** One paper **[S.1]** under review.
- **Research Assistant** *Oct. 2023 - Mar. 2024*
  Hainan University, Haikou, Hainan
  - **Mentor:** Cong lin
  - **Project:** Intelligent Auxiliary Diagnosis Methods
    - Assisted in data collection, experimental design, manuscript preparation, and review process management.
    - **Publication:** One paper **[J.1]** published in Sensors, and one paper **[J.2]** published in JoS.
- **Student Researcher** *Feb. 2022 - Dec. 2022*
  Hainan University, Haikou, Hainan
  - **Supervisor:** Zhenjia Chen
  - **Project:** Sea Surface Target Detection
    - Developed softwares and methods for maritime target localization on embedded systems utilizing rotation matrices.
    - **Publication:** Two softwares **[P.1][P.2]** registered.

Teaching Experience

- **Teaching Assistant** *Spring 2024*
  University of Waikato, Haikou, Hainan
  - **Lecturers:** Imran Khaliq and Jibril Muhammad Adam
  - **Course:** COMPX101 - Introduction to Programming

Publications

J=Journal, P=Computer Software Copyright, S=In Submission

[S.1] Siling Feng*, Zhisheng Qi*, and Cong Lin. From Semantics to Hierarchy: A Hybrid Euclidean-Tangent-Hyperbolic Space Model for Temporal Knowledge Graph Reasoning. (In submission to AAAI-25).

[J.2] Siling Feng, Zhisheng Qi, Guirong Zhang, Cong Lin, and Mengxing Huang. (Year). FCNet: A Deep Neural Network Based on Multi-Channel Feature Cascading for Image Denoising. The Journal of Supercomputing, 2024.

[J.1] Wenling Wang, Qiaoxin Zhang, Zhisheng Qi, and Mengxing Huang. CenterNet-Saccade: Enhancing Sonar Object Detection with Lightweight Global Feature Extraction. Sensors, 2024.

[P.2] **Software for Maritime Target Localization Based on Gyroscope Attitude.** Zhisheng Qi, and Zhenjia Chen. Application number: 10732556 (filed on Sep. 11, 2022). Registration number: 2023SR0145385 (registered on Jan. 28, 2023).

[P.1] **Software for Embedded Visual Target Localization on the Sea Surface Based on Attitude Angles and Dual-Axis Cameras.** Zhisheng Qi, and Zhenjia Chen. Application number: 10732557 (filed on Sep. 4, 2022). Registration number: 2023SR0145386 (registered on Jan. 28, 2023).

Honors and Awards

- **National Endeavor Fellowship** *Oct. 2022, Oct. 2023*
  Hainan University

Skills

- **Programming Languages:** Python, C, C#, Java, etc.
- **Frameworks:** Pytorch, Scikit-Learn, OpenCV, Pandas, NumPy, Matplotlib, Seaborn, Networkx, Flask, etc.
- **Tools:** LaTeX, Git, etc.

References

1. **Siling Feng**
   Professor, Information and Communication Engineering
   Hainan University
   Email: fengsiling@hainanu.edu.cn

2. **Zhenjia Chen**
   Associate Professor, Vice Dean, Information and Communication Engineering
   Hainan University
   Email: zjchen@hainanu.edu.cn

3. **Imran Khaliq**
   Senior Lecturer, Computing and Mathematical Sciences
   University of Waikato
   Email: imran.khaliq@waikato.ac.nz

4. **Cong Lin**
   Associate Professor, Electronic and Information Engineering
   Guangdong Ocean University
   Email: lincong@gdou.edu.cn