Xiangdong Hu

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EDUCATION

Georgia State University   Atlanta, US
Ph.D. in Computer Science   **GPA：** *3.8 / 4.0*   *2025 - 2030 (Expected)*
Queen's University Belfast   Belfast, UK
Summer School in Electronics, Electrical Engineering, and Computer Science   2023
NingboTech University   Ningbo, CHINA
B.Eng. in Computer Science   **GPA：** *3.57 / 5.0*   *2020 - 2024*

EXPERIENCE

Zhejiang Lab   *Research Assistant, Intern*   Sep 2023 - Dec 2023
- Research on the Reconstruction and Motion Capture of Visual Human Pose
- Enhanced avatar appearance using special viewpoint-aware cross-attention for feature aggregation
- Processed 3D assets scraped from an open source community, generating renderings to establish our dataset
- **Skills:** Deep Learning, Generative Models, PyTorch

Georgia State University   *Teaching Assistant, Computer Science Department*   Jan 2025 - Present
- Assisted professors in teaching undergraduate-level Computer Science courses for 100+ students
- Conducted weekly lab sessions and office hours to help students with programming assignments and course materials
- Graded assignments, projects and exams while providing detailed feedback to improve students' understanding
- **Skills:** Teaching, Course Development, Problem-solving, Computer Networks, Data Structure

PROJECTS

My blog site | *WordPress, HTML, MySQL*   Jan 2021 - Present
- Established a personal blog with around 50 published articles
- Documented undergraduate competition experiences through blog articles
- Helped others through writing technical documentation

Simplified Face Cognition System | *Python, Pytorch*   Jan 2023
- Implemented face detection and localization using the efficient YOLO object detection system
- Developed and trained deep neural network models for face recognition leveraging the PyTorch framework, incorporating techniques like data augmentation and GPU acceleration
- Achieved high-accuracy face detection and recognition

HONORS & AWARDS

Graduation Honorary Certificate   2024
granted by Zhejiang University
NingboTech University Third-class Scholarship   2021 - 2023
granted by NingboTech University
Team Silver Medal in the 8th China Group Programming Ladder Tournament   2023
granted by China Collegiate Computing Contest Committee
Bronze Medal in the Zhejiang Provincial Collegiate Programming Contest   2023
granted by Zhejiang Provincial College Student Technology Contest Committee
Bronze Medal in the 47th International Collegiate Programming Contest, Nanjing Site   2022
granted by International Collegiate Programming Contest Committee
Bronze Medal in the 47th International Collegiate Programming Contest, Jinan Site   2022
granted by International Collegiate Programming Contest Committee
Bronze Medal in the 46th International Collegiate Programming Contest, Kunming Site   2022
granted by International Collegiate Programming Contest Committee
Bronze Medal in the China Collegiate Programming Contest, Weihai Site   2022
granted by China Collegiate Programming Contest Committee
Bronze Medal in Zhejiang Province Collegiate Programming Contest   2022
granted by Zhejiang Provincial College Student Technology Contest Committee

SKILLS

- **Languages:** C++, Python, C, Java, SQL, HTML
- **Frameworks:** Pytorch, Numpy, Scikit-learn, Pandas, Flask
- **Toolkits:** Git, Markdown, LaTex, Microsoft Office Package