

Wenqi He

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EXPERIENCE

National Center for Supercomputing Applications, Urbana, IL, US

Research Software Engineer

Jan. 2024 - Present

Graduate Research Assistant, Visual Analytics

Aug. 2022 - Dec. 2023

- Developed web applications for multiple research projects involving geospatial and biomedical data visualization.
- Created cartographic visualizations using MapLibre GL JS, OpenLayers, GeoJSON, and PostGIS.
- Contributed to the maintenance of PhyloDiver, a web-based interactive tool for visualizing tumor phylogenies.

Gllue Software, Shanghai, China

Frontend Engineer, Applicant Tracking Systems

Nov. 2020 - Nov. 2021

- Collaborated with multiple teams to develop web applications, WeChat mini-programs, services, and libraries.
- Contributed to the drag-and-drop user interface builder framework that powers the ATS customization system.
- Led the frontend implementation and integration of a new Single Sign-On system across multiple product lines.

EDUCATION

University of Illinois Urbana-Champaign

Master of Computer Science

Dec. 2023

Georgia Institute of Technology

Bachelor of Science in Computer Science

Dec. 2019

Minor in Physics

SKILLS

C++, CUDA, WebGL, React, Angular, TypeScript, JavaScript, HTML, SVG, SCSS, SQL, Python, OCaml, Java, Docker, Kubernetes, GitHub Actions, GitLab CI