

# 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