



FAN Lab: inFrastructure, AI and urban Nexus

Multiple Open Positions

Postdocs, PhD Students, Undergrad/MS Research Assistants/Interns

The mission of the **FAN Lab** (<https://fanchaolab.com/>), directed by **Dr. Chao Fan** in the School of Civil and Environmental Engineering and Earth Sciences at Clemson University, is to create new knowledge and methods in integrated intelligence to derive transformative solutions for global challenges at the nexus of human, infrastructure and natural environment under ever-changing climate conditions, towards sustainability, resiliency, equity and livability. We have a fundamental and highly interdisciplinary research agenda, which falls into three focus areas: (1) *Changing Climate & AI*; (2) *New Technologies and the Environment*; and (3) *Connected Infrastructure and Human Dynamics*. Equipped with ample computing and data resources, broad collaborations, and a free working environment, the **FAN Lab** always values the passion for impactful work. **Every Year** we seek for technically strong and self-motivated researchers to join us on our mission.

Postdoctoral Researchers - Postdoctoral researcher positions are available in the **FAN Lab**. Qualified candidates must hold a Ph.D. in Engineering, Statistics, Computer Science, or other related fields. Candidates with strong interest in asking bold and new questions in our focus areas, prior experiences of analytics and modeling on large-scale data, and passion for impactful work and high-quality publications are especially encouraged to apply. The initial term of the position is one year with the possibility for renewal. The start date is immediate but flexible.

If you are interested, please send (1) your CV with a complete list of publications; (2) One-page Research Statement (your interests, career goals and potential contributions to the lab), (3) a copy of your most representative paper to fanlab.recruiting@gmail.com.

PhD Students - We always seek for PhD students who have strong interest and expertise in our focus areas to join the **FAN Lab** every year. The PhD students will be fully funded by our graduate research and/or teaching assistantships. Successful candidates must have a bachelor's degree in a related field (no restrictions). The start date is flexible but preferred to be as early as possible.

Undergrad/MS Research Assistants / Interns (remote and on-site collaborations) - We have part-time/intern student openings for master and undergraduate students in any related majors including Engineering and Science. These positions will be funded by our research assistantships.

If you are interested in any of the above student positions, please send (1) your CV and (2) your transcripts to fanlab.recruiting@gmail.com. For PhD applicants, please also apply to the graduate program at Clemson University. Please mention my name in your Personal Statement and the application system, and feel free to keep me informed of your application.

I will carefully read every email, but please understand that I cannot afford to reply all of them.

Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.