

Dr. Yu (Fred) Song's Lab at the University of Wyoming is seeking graduate students to join in Fall 2024

About the lab:

Dr. Fred Song's Lab is based in the Transportation Center at the University of Wyoming (UWyo) Department of Civil and Architectural Engineering and Construction Management (CAECM). The lab conducts research in the areas of traffic operations and safety, driver behavior, intelligent transportation, and vehicle automation. The lab is currently working on topics including safety of vehicle automation applications such as autonomous driving and truck platooning; human-vehicle automation interaction such as the effectiveness of advanced driver assistance systems; and crash data mining and modeling.

For information about Dr. Song's background and interests, please refer to his UWyo faculty webpage: https://www.uwyo.edu/civil/faculty_staff/faculty/fred-song/index.html

About the openings:

Two (2) graduate research assistant positions are available to start in the Fall 2024 semester.

Students with background in civil engineering, transportation engineering, electrical and computer engineering, computer science, mechanical engineering, industrial and systems engineering, urban planning, public health, or geography are welcome to apply.

Skills and experience in Python and(or) R programming, mathematical analysis, and statistical or econometric modeling, are highly preferred.

You can apply for the MS or PhD in Civil Engineering offered at the UWyo CAECM Department. For PhD applicants, it is recommended that you already have a master's degree or are in the process of getting one.

To reach out:

Students interested in working with Dr. Song please contact by sending an email to **ysong @ uwyo.edu**, stating your purpose along with a CV and transcripts. Dr. Song will review your materials and respond with instructions about the next steps within two weeks.

To apply:

Students are also welcome to apply directly through the UWyo graduate admissions website (<https://www.uwyo.edu/uwgrad/prospective/applying/index.html>) for MS or PhD in Civil Engineering.

International students please also refer to the UWyo Graduate International Admission Requirements (<https://www.uwyo.edu/admissions/international/requirements-graduate.html>) for additional supporting materials needed.

Please list "transportation" as your first preferred study concentration when filling out the online application.

Once you have completed the application, reach out to Dr. Song with your application number, and he will review your package and respond with further instructions.