



July 22, 2024

Department of Data Science
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Dear Jingzehua Xu,

It is my pleasure to invite you to visit *the Foundation and Efficiency of Machine Learning Lab* in the Department of Data Science at New Jersey Institute of Technology (NJIT) as a visiting scholar from Sep. 2024 (the schedule can be modified upon request).

During your time here, you will conduct research in analyzing the movement of ocean currents utilizing optimization methods. This will include designing efficient algorithms that integrate with ocean models. Additionally, you will explore methods to enhance the performance and scalability of these algorithms, investigate theoretical underpinnings, and verify the theoretical insights with simulation applications.

During your stay here, we can provide you with a desk and chair in shared office space and a computer account with e-mail access. In addition, you will be supplied with access to the Department of Data Science, and the University Library.

As part of this invitation, the expectation is that you will provide funding for you and any accompanying dependents to cover all your costs while in New Jersey, including food, housing, transportation, and travel. In addition, you will be responsible for maintaining health insurance throughout your entire stay in the United States.

Should you need any additional information, do not hesitate to contact me. I look forward to meeting you on our campus.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Shuai Zhang", written in a cursive style.

Shuai Zhang
Assistant Professor
Department of Data Science
New Jersey Institute of Technology