



## **Ayush Gupta**

Graduate Student

Chemical and Biomolecular Engineering

University of Houston

*Using Deep Learning to Accelerate Molecular Simulations of RNA Folding*

Ayush Gupta completed his B.Tech in the Department of Chemical Engineering at Indian Institute of Technology Kanpur, India in 2018. He started his doctoral degree in the Department of Chemical and Biomolecular Engineering at University of Houston in 2021. As a part of Dr. Gül Zerze's lab, he is interested in investigating the phase separation of IDPs via coarse-grained and atomistic MD simulations. He is also interested in developing advanced sampling methods for molecular simulations using machine learning.