

FLORIDA STATE UNIVERSITY  
COLLEGE OF ARTS AND SCIENCES

AN ATOM-ATOM DISTANCE BASED  
DEEP LEARNING MODEL FOR PROTEIN-LIGAND  
DOCKING PREDICTION

By  
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A dissertation submitted to the  
Department of Statistics  
in partial fulfillment of the  
requirements for the degree of  
Doctor of Philosophy

2023

Keqiao Li defended this dissertation on March 27, 2023.

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