Zichang He is a third-year PhD student in Electrical and Computer Engineering at the University of California, Santa Barbara (UCSB). Zichang received his Bachelor of Engineering degree in Detection, Guidance and Control Technology from the Northwestern Polytechnical University in China, 2018. Zichang is widely interested in the research topics of uncertainty quantification, including inverse problems, uncertainty representation, propagation, and optimization. His current research aims to apply the uncertainty quantification methodologies to various applications, including design automation, dynamical systems, and machine learning algorithms.

Zichang has published more than 10 papers in the top-tier journals and conferences. He also served as a reviewer for many top-tier journals, like IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on Cybernetics, Information Sciences. He is the recipient of best student paper award in IEEE Electrical Performance of Electronic Packaging and Systems (EPEPS) conference in 2020, the Outstanding Teaching Assistant Award in the department of ECE at UCSB in 2020, and the graduate student fellowship of ECE department at UCSB in 2018.