

Hao Zhu

PhD student

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<https://haozhu10015.github.io>

Areas of Interest

Education

- 2024– **PhD in Computer Science**, *University of Freiburg*, Freiburg i. Br., Germany
Advisor: Prof. Joschka Boedecker, Prof. Ilka Diester
- 2021–2023 **M.Sc. Biology (specialization Neuroscience)**, *University of Freiburg*, Freiburg i. Br., Germany
GPA - 3.8 | German grade - 1.3
- 2016–2020 **B.Sc. Chemical Biology**, *Nankai University*, Tianjin, China
GPA - 3.6 | average grade 89.4/100

Awards

- 2020 **Excellence Award**, *Innovative Scientific Research Award for College Students of Nankai University*, China
- 2017–2018 **Asymchem Scholarship of Chemistry College**, *Nankai University*, China
- 2016–2017 **Asymchem Scholarship of Chemistry College**, *Nankai University*, China

Publications

- Hao Zhu, Brice De La Crompe, Gabriel Kalweit, Artur Schneider, Maria Kalweit, Ilka Diester, and Joschka Boedecker. L (M) V-IQL: Multiple intention inverse reinforcement learning for animal behavior characterization. *arXiv preprint arXiv:2311.13870*, 2023.
- Baifan Wang, Zijuan Zhang, Hao Zhu, Congwei Niu, Xin Wen, and Zhen Xi. The hydrogen bonding network involved Arg59 in human protoporphyrinogen IX oxidase is essential for enzyme activity. *Biochemical and Biophysical Research Communications*, 557:20–25, 2021.