

# Stanford

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## Haoxuan Chen

Ph.D. Student in Computational and Mathematical Engineering, admitted Autumn 2022

### Bio

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#### BIO

Personal website: <https://haoxuanstevec00.github.io/>

#### EDUCATION AND CERTIFICATIONS

- Bachelor of Science, California Institute of Technology , Mathematics & Information and Data Sciences (2022)

### Publications

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#### PUBLICATIONS

- **A benchmark of expert-level academic questions to assess AI capabilities.** *Nature*  
Center for AI Safety, Scale AI, HLE Contributors Consortium, Phan, L., Gatti, A., Li, N., Khoja, A., Kim, R., Ren, R., Hausenloy, J., Zhang, O., Mazeika, M., Hendrycks, D., Han, Z., et al  
2026; 649 (8099): 1139-1146
- **When can Regression-Adjusted Control Variates Help? Rare Events, Sobolev Embedding and Minimax Optimality**  
Blanchet, J., Chen, H., Lu, Y., Ying, L.  
edited by Oh, A., Neumann, T., Globerson, A., Saenko, K., Hardt, M., Levine, S.  
NEURAL INFORMATION PROCESSING SYSTEMS (NIPS).2023