

# Albert Qiaochu JIANG

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## PERSONAL INFORMATION

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GOOGLE SCHOLAR: [scholar/albertqjiang](https://scholar.google.com/citations?user=scholar/albertqjiang)  
HOMEPAGE: <https://albertqjiang.github.io/>

## EDUCATION

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OCT 2021 - Present Doctor of Philosophy in Computer Science  
at **University of Cambridge**, Cambridge, UK  
Thesis topic: Learning abstract mathematical reasoning

OCT 2020 - SEP 2021 Master of Science in Computer Science DISTINCTION  
at **University of Oxford**, Oxford, UK

OCT 2016 - JUNE 2019 Bachelor of Arts in Engineering CLASS I, TOP ONE PERCENTILE  
at **University of Cambridge**, Cambridge, UK

## SELECTED PUBLICATIONS

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- Jiang, A.Q., Welleck, S., Zhou, J.P., Li, W., Liu, J., Jamnik, M., Lacroix, T., Wu, Y. and Lample, G., 2022. Draft, Sketch, and Prove: Guiding Formal Theorem Provers with Informal Proofs. Under review for *ICLR 2022*.
- Wu, Y., Jiang, A.Q., Li, W., Rabe, M.N., Staats, C., Jamnik, M. and Szegedy, C. [Autoformalization with large language models](#). In *NeurIPS 2022*.
- Jiang, A.Q., Li, W., Tworkowski, S., Czechowski, K., Odrzygozdz, T., Milos, P., Wu, Y. and Jamnik, M. [Thor: Wielding Hammers to Integrate Language Models and Automated Theorem Provers](#). In *NeurIPS 2022*.
- Wu, Y., Jiang, A. Q., Ba, J., and Grosse, R. [INT: An Inequality Benchmark for Evaluating Generalization in Theorem Proving](#). In *ICLR 2021*.

## WORKING EXPERIENCES

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JULY 2022-OCTOBER 2022 RESEARCH SCIENTIST INTERN at FAIR.  
Worked on theorem proving via MCTS and autoformalisation.

## SCHOLARSHIPS AND GRANTS

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2021-2024	Peterhouse Graduate Studentship	£148,716
2020	Jardine Foundation Graduate Scholarship	£53,489
2019	Vector Institute Research Grant	\$6,000

## RESEARCH IMPACT

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The [INT](#) work has been adopted and modified by [OpenAI](#) and [Facebook AI Research](#).  
The [PISA](#) framework has been implemented at Google Research and Facebook AI Research.