

# Calvin Khor, Ph.D.

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📄 Publications: [orcid.org/0000-0001-7557-0786](https://orcid.org/0000-0001-7557-0786)

Mathematician with a passion for software and technology. Seeking interesting positions to solve real-world problems.

## Employment History

- 2021 – 2023 📌 **Postdoctorate Researcher.** Computational Science Research Center, Beijing.
- 2019 – 2021 📌 **Postdoctorate Researcher.** Beijing Normal University, Beijing.

## Higher Education

- 2015 – 2019 📌 **University of Warwick, Ph.D.** in Pure Mathematics  
Fully funded by the ERC. Supervisor: Prof. José Rodrigo.  
Thesis title: *Sharp Fronts and Almost-Sharp Fronts of A Singular Surface Quasi-Geostrophic Equation.*
- 2011 – 2015 📌 **University of Warwick, MMath.**  
First Class Honours. (top 15 of graduating class)  
First Year: 90%    Second Year: 89%    Third Year: 100%    Fourth Year: 92%

## Skills

- Languages 📌 Fluent in English.  
Conversational in Mandarin Chinese and Bahasa Malaysia.
- Coding 📌 Fluent in PYTHON.  
Some experience with SQL, HTML, CSS, JAVASCRIPT, FLASK and SCALA
- Misc. 📌 Academic research, teaching, training, consultation,  $\text{\LaTeX}$  typesetting and publishing.

## Relevant Experience

- 2023 📌 Contributor to the open source PYTHON tool pipreqs.  
📌 **Parallel programming**, EPFL MOOC. In progress.  
📌 **Programming Reactive Systems**, EPFL MOOC. Fully audited course.  
📌 **Functional Program Design in Scala**, EPFL MOOC. Fully audited course.
- 2022 📌 **Functional Programming Principles in Scala**, EPFL MOOC. Fully audited course.  
📌 **CS50x Introduction to Computer Science**, Harvard University MOOC.  
Coding with C, PYTHON, JAVASCRIPT, HTML, CSS, SQL and FLASK. Final project (tao2tex) on Github
- 2015 📌 Summer internship at PwC, Malaysia.

## References

Available on Request