Calvin Khor, Ph.D.

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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, 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