

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