

Calvin Khor, Ph.D.

✉ calvin_khor@hotmail.com

🌐 clvnkhr.github.io



🔗 <https://github.com/clvnkhr/>

🆔 Publications: orcid.org/0000-0001-7557-0786



☎ +44 (0) 7801 268 228

Mathematician and aspiring financial analyst with a passion for software and technology. Eager to learn from experienced professionals and contribute to the success of the organization.




Employment History

- 2021 – 2023  **Postdoctorate Researcher.** Computational Science Research Center, Beijing.
Research focus: Rigorous ill-posedness results in fluid dynamics
- 2019 – 2021  **Postdoctorate Researcher.** Beijing Normal University, Beijing.
Research focus: Persistence of geometrical structures in fluid dynamics









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  Experience with Python data science tools (numpy, pandas, scikit-learn, matplotlib, etc.)
 Contributor to the open source PYTHON tool pipreqs.
 Developed open source neovim plugin macaltkey.nvim written in Lua.
 Contributed to the OEIS.
-  **Parallel programming**, EPFL MOOC. In progress.
- 2022  **Functional Programming Principles in Scala, Functional Program Design in Scala, Programming Reactive Systems**, EPFL MOOC. Fully audited courses.
 **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.