

rubricEmployment History *[2023now]Associate Consultant. Digiterre Solutions Ltd, London.

Designing and implementing Python and Databricks-based cloud solutions in the finance and energy space to migrate customers off legacy technology built around Matlab. Onboarded data to new platform for researchers to analyse.*[20212023]Postdoctorate Researcher. Computational Science Research Center, Beijing.

Research focused on rigorous ill-posedness results in advanced PDEs in fluid dynamics, using spectral theory, harmonic analysis, and convex integration. Led discussions on new research directions for group of 20 researchers. *[20192021]Postdoctorate Researcher. Beijing Normal University, Beijing.

Research focused on the persistence of geometrical structures in fluid dynamics using commutator estimates in Besov spaces and the energy method. Taught classes on Advanced PDE theory and microlocal analysis. Discussed and presented important research papers in the field of PDE theory.