Subject: Research Assistant Position, Earth Sciences, Univ of Oxford

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RESEARCH ASSISTANT POSITION Department of Earth Sciences,
University of Oxford, supervised by Prof. Richard F Katz

Developing a Jupyter Notebooks companion for a new textbook on
magma/mantle dynamics

Full details here: https://tinyurl.com/yx9eelxv

Deep beneath volcanos, partial melting of the Earth's mantle
creates a two-phase aggregate: a matrix of granular mantle rock that
contains liquid magma in a permeable network of pores between
grains. Despite the physical and mathematical richness of this system,

there is no published book on the subject that brings together the
theory and applications.

The successful applicant will develop a set of Jupyter Notebooks as a
companion to a forthcoming textbook by Prof. Katz about the dynamics
of partially molten rocks, to be published by Princeton University
Press. S/he need not have any background in Earth Sciences, but will
have experience with Python programming and numerical solutions to
differential equations. S/he should have a passion for writing
elegant, clear, and well- documented code. A track-record of
self-motivation and independence are key selection criteria.

The work may be done remotely and without set hours. The total pay for
the project is 1600 GBP, to be apportioned and paid by chapter. Work

to commence as soon as the successful applicant is ready, and to
complete before the end of 2019. To apply, email a CV with names/email
addresses of two referees and a 1-page (maximum) statement of interest
to richard.katz@earth.ox.ac.uk before Friday 26 July 2019. PDF
documents only, please. Enquiries welcome.