IAN ROSE

Data scientist/geologist

PERSONAL INFORMATION

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WORK AND EDUCATION

	2018-present	Quansight
Software Developer	Contractor developing tools and integrations for data science practitioners.	

	2016-present	Berkeley Institute for Data Science
Postdoctoral Fellow	Core developer for Project Jupyter. Developing JupyterLab, the next-generation frontend for Jupyter notebooks.	

	2009-2016	The University of California, Berkeley
Ph.D.	Earth and Planetary Science Thesis: *True polar wander on convecting planets*	

	2005-2009	Yale University
B.S.	Geology and Physics	

COMPUTING

Languages	C, C++, Javascript, Typescript, Python, MATLAB/Octave, SQL, bash, awk, HTML, CSS
Software	LaTeX, git, node, Jupyter notebooks, standard *nix tools
Operating systems	Linux, Mac OS X, Windows

SELECTED SOFTWARE PROJECTS

JupyterLab	Next generation front-end for Jupyter. (core developer)
Commuting Operation	Web app for what I want out of a real-time transit arrival service. (author)
Interactive Earth	Educational software for teaching about the physics of planetary interiors, including thermal and thermochemical convection and seismic tomography. (author)
BurnMan	Python library for generating thermodynamic and thermoelastic models of planetary materials. (co-author)
buckinghampy	Educational Python module for performing dimensional analysis. (author)

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