

IAN ROSE

Data scientist/geologist

PERSONAL INFORMATION

<i>email</i>	ian.r.rose@gmail.com
<i>website</i>	http://ianrose.website
<i>github</i>	ian-r-rose
<i>phone</i>	+1 (510) 332-7585

EDUCATION AND WORK

<i>Postdoctoral Fellow</i>	2016-2018	The University of California, Berkeley Berkeley Institute for Data Science Core developer for Project Jupyter. Developing JupyterLab, the next-generation frontend for Jupyter notebooks.
	2009-2016	The University of California, Berkeley Earth and Planetary Science Thesis: <i>True polar wander on convecting planets</i>
<i>Ph.D.</i>		
<i>B.S.</i>	2005-2009	Yale University Geology and Physics

COMPUTING

<i>Languages</i>	C, C++, Javascript, Typescript, Python, MATLAB/Octave, bash, awk, HTML, CSS
<i>Software</i>	L ^A T _E X, git, node, Jupyter notebooks, standard *nix tools
<i>Operating systems</i>	Linux, Mac OS X, Windows

SELECTED SOFTWARE PROJECTS

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

March 20, 2018