

John R. Mahoney

PROGRAMMING

Python: np, sp, mpl, pd
GUI / interactive
git, L^AT_EX, beamer, tikz
MATLAB
Mac OS, UNIX

INTERPERSONAL

- Flexible and creative
 - Excellent listener
- Work well in close-knit teams
 - Independent worker
 - Thoughtful mentor
- Value clear communication

PROJECTS

- Physics and programming course
 - BIM package
 - CMPy contributor
- this resumè template

PROFILE

I'm a rad dad who wishes to make the world a fizzier place. A physicist by training and jazz saxophonist by night, I approach the world equally with an analytic mind and a the desire for a deep pocket.

COMMUNICATION SKILLS

Written: Wrote and co-authored over 25 peer-reviewed papers in high quality journals (PRL, PRX, PRA, PRE, CHAOS, J. Stat Phys.). edited, track changes, multiple authors, graphics, link to 3? papers on website, served as editor for CHAOS, Complexity, Entropy, Journal of Fluid Mechanics, New Journal of Physics, PLOS, Quantum.

Verbal: Designed and delivered over 35 talks and posters including presentations at: Quantum Information Workshop at Nanyang Technical University, Singapore Conference on Complex Systems, Amsterdam ?? Henri Poincarè Institute, Paris Workshop at Mathematisches Forschungsinstitut Oberwolfach, Germany (best poster link) International Conference on Flow Dynamics, Sendai, Japan International Conference on Nonlinear Science and Complexity, Budapest, Hungary

Graphical: I value design and aesthetics in communication. I seek to balance precision and depth with clarity and impact.

ANALYTIC SKILLS

Creativity and Brainstorming: blah.

Critical Thinking & Problem Solving: New Journal of Physics, PLOS, Quantum.

Data Analysis: statistics, interpretation

Research: werwerw werwerwer werwerwe

EDUCATION

- Ph.D. in Physics, UC, Davis with James P. Crutchfield
- B.S. in Physics and Mathematics, CSU, Chico
- attended Williams College for Physics, Mathematics and Music