

# KEN REICHL

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## EDUCATION

Bachelor of Art, Physics & Astrophysics  
University of California, Berkeley  
2009

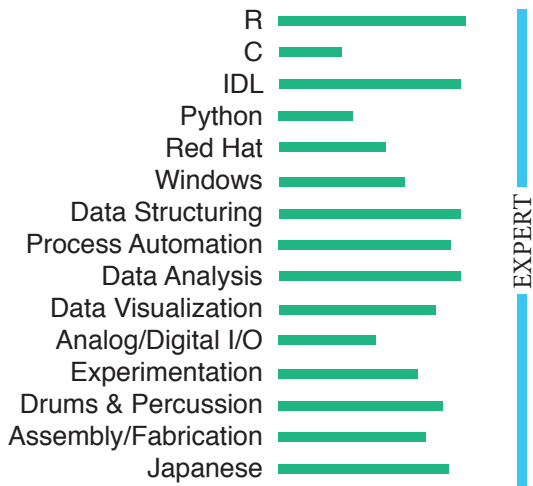
## WORK EXPERIENCE

### Lawrence Berkeley National Laboratory

Research Associate | March 2010 - present

- Establish automated data ingest and processing for quality control and instrument status for ongoing field experiments. Maintain and improve data organization and analysis methods.
- Contribute to analysis and graphic presentation to be used in publications, posters, and talks.
- Develop and test atmospheric trace gas, pressure, temperature, flow, soil respiration, and meteorological measurement systems. Design/assemble reliable plumbing of air flow, power and signals between digital/analog devices and sensors. Software for logging and computer control of signals for electro-mechanical and digital devices.
- Communicate detailed summaries on progress, findings, and recommendations for proceeding.
- Produce documentation and operations manuals for new systems developed for various laboratory and field experiments.

## SKILL LEVEL



## REFERENCES

### SEBASTIEN BIRAUD

Staff Scientist  
Lawrence Berkeley National Laboratory  
(510) 486-6084  
SCBIRAUD@LBL.GOV

### MARGARET TORN

Senior Staff Scientist  
Lawrence Berkeley National Laboratory  
(510) 495-2223  
MSTORN@LBL.GOV

### MARC FISCHER

Staff Scientist  
Lawrence Berkeley National Laboratory  
(510) 486-5539  
MLFISCHER@LBL.GOV

### ROB READY

Artistic Director  
PianoFight Productions  
(917) 363-9646  
ROB@PIANOFIGHT.COM

### PianoFight Productions

Music Department Coordinator | April 2010 - September 2013

- Develop show concepts, organize content, marketing, and budgeting for music and theater productions
- Coordinate musicians, visual artists, and dancers for musicals, variety shows, film, and music shows
- Manage rehearsal scheduling and structure
- Recording musicians for film scoring and musical releases
- Set up live sound systems for music in theaters, art galleries, and music venues

## LBNL PROJECT EXPERIENCE

### ARM - Atmospheric Greenhouse Gas Measurement

October 2013 - present

- Develop software for automated QA/QC, visualization, and analysis of greenhouse gas measurements and system status

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### CALGEM - California Greenhouse Gas Emmissions Measurement

May 2011 - September 2013

- Design and test atmospheric air processing systems to improve measurements of green house gas emissions at remote tower sites

### ARM - AMC - Amerflux Measurement Component

January 2011 - September 2012

- Deployed a soil microclimate monitoring system at the North Slope of Alaska ARM facility