

Brooks Mason

San Francisco, CA

EXPERIENCE

Capital One, San Francisco CA

July 2015 - August 2015

Master Software Engineer

- Angular, Java
- Lead developer on personal loans project
- Java API producers training

Monsoon (acquired by Capital One), Oakland CA

Lead Software Engineer

March 2014 - July 2015

Software Engineer

September 2013 - March 2014

- Ruby, Rails, Ember, Backbone, Angular, jQuery, RSpec, Solr, Heroku, AWS
- Designed and built responsive web applications; back-ends and APIs for mobile apps
- Responsibilities include coding, technical leadership, project management, API development, TDD, database design, deployment, client communication

Hack Reactor, San Francisco CA

August 2013 - September 2013

Guest Instructor

- Javascript, Ruby, Backbone
- Fielded live help requests from students
- Wrote tests and solutions for daily challenges

Puddle, San Francisco CA

May 2013 - August 2013

Contract Software Engineer

- Ruby, Rails, Ember.js
- Rebuilt site for an open-beta release; developed several core features:
 - On-demand image re-sizing and uploader with S3 storage
 - Inviting feature that integrates with Facebook and Google APIs
 - Passphrase strength algorithm to protect users during key financial transactions and as a backup to Facebook authentication

SCS Global Services, Emeryville, CA

2010-2013

Technical Associate

- Conducted supply chain, sustainability and quality assurance audits in Asia and Europe
- Modeled indoor air quality emissions from building materials and consumer products
- Trained staff on material emissions and modeling

Institute of Arctic Alpine Research, Boulder, CO

2008-2009

Professional Scientist

- Managed research projects related to biogenic emissions and global background pollutants
- Maintained and deployed measurement instrumentation and data acquisition systems

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EDUCATION

University of California, Berkeley , Berkeley, CA Environmental Engineering and Fluid Mechanics coursework	2010
Desert Research Institute @ UNR , Reno NV MS Atmospheric Science	2008
The Colorado College , Colorado Springs CO BA Environmental Science • Alpha Lambda Delta Honor Society • Ritt Kellogg Grant recipient (Continental Divide Trail)	2004
School for International Training , Belem, Brazil Amazonian Ecology and Natural Resource Management	2002

PUBLICATIONS

J. Brooks Mason, Eric M Fujita, David E Campbell, Barbara Zielinska, "Evaluation of Passive Samplers for Assessment of Community Exposure to Toxic Air Contaminants and Related Pollutants", Environmental Science and Technology, Volume: 45, March 2011

Fujita, E.M., D. Campbell, B. Mason and B. Zielinska, Harbor Community Monitoring Study - Saturation Monitoring. Final report submitted to State of California Air Resources Board, Research Division, Sacramento, CA, December 9, 2008

D. Lowenthal, Zielinska, Mason, et al, "Aerosol characterization studies at Great Smoky Mountains National Park, Summer 2006", Journal of Geophysical Research, VOL. 114, April 2009