

# Christina L Austin, PhD

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## Recent projects

- *Sojourner*- JRuby app for document template management and PDF generation, utilizing a Java library. In the final stages of preparation for open source release.
- *Simone*- lightweight application for centralized document storage in a service-oriented architecture, wrapping S3 and adhering to granular authorization rules. In the final stages of preparation for open source release.
- *Yellowred*- online dating app. Backbone app consuming RESTful api. Ruby on Rails back end with PostgreSQL database. Hand-rolled styling. ([github](#))

## tl;dr: skills

Ruby on Rails, Javascript, Backbone.js, SQL, RSpec, HTML, CSS, Git, TDD, molecular genetics

## Timeline

Software Engineer, The Climate Corporation, San Francisco. Jan 2014 - present

- *Ruby/Rails support for Total Weather Insurance sales flow, policy cancellation, and policy documents.*
- *Designed and led implementation of new JRuby on Rails document management applications to serve TCC's build-out of "Multi-Peril" federal crop insurance software.*

App Academy Sep 2013 - Dec 2013

PhD in Molecular Genetics, The Ohio State University, Columbus, OH. Sep 2007 - Aug 2013

*Studied Epidermal Growth Factor Receptor (EGFR) signaling, a powerful growth pathway which can instruct cells to divide rapidly. It is critical for embryonic development and often involved in human cancers. ([publications](#))*

Volunteer Coordinator, [SwingColumbus](#), Columbus, OH. May 2011 - July 2012

BS in Genetics, Clemson University, Clemson, SC. Aug 2003 - Dec 2006

Rock Climbing Guide, New River Mountain Guides, Fayetteville, WV. Summer 2006

Director of ChangeOver, TigerPaw Productions, Clemson, SC. August 2004 - May 2005

*Responsible for teams of up to 40 people for a weekend, building stages, erecting crowd barricades, and otherwise preparing the 10k-seat arena for concerts and events. ([time-lapse video](#) of a changeover)*