Kate Brender
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https://github.com/rsoph
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Education

The Flatiron School, Ruby Class, New York, NY, 2014
Barnard College, New York, NY, BS 2006,
Astrophysics Universe Student, Columbia University Biosphere 2, 2003
Member and Officer, Columbia University Tae Kwon Do Club, 2002–2006
Berkeley Carroll School, Brooklyn, NY Diploma, 2002, Cum Laude

Skills

Ruby, Ruby on Rails, Sinatra
Java Script, Ajax
SQL, Postgres
New York State Notary Public

Projects

4DaysOut.com - A Rails application to plan a last-minute dinner and movie date
Google scraping, to retrieve up-to-date movie times
Yelp API, for restaurant information by location
Google Maps, to illustrate travel plans to the user
Twilio API, to send the user a confirmation text message
Rails Mailer, to send the user a confirmation email

Groovwith.me - a Rails application to collaboratively build a Spotify playlist
Spotify API, to interact with a given user's playlist
Ajax, to provide one-page live-updating upvote and downvote functionality

Experience

Fulton, Rowe & Hart, LLP, New York, NY
Records Manager & Paralegal, 2006 – 2014,
- Maintained client records, including storage, retrieval and destruction as needed
- Created paperless system to replace the original hard-copy only system
- Served as Firm liaison to the Surrogate's Court of various counties and other courts and government offices
- Managed the grantmaking activities of two philanthropic foundations
- Administrated estates, including: probating will, arranging for sale of property, settling final expenses, distributing bequeathments, liquidating other assets, creating intermediate and final accountings, and distributing final estate.

American Museum of Natural History, New York, NY
Astronomy Intern -- Summer 2003
- Used IRAF (Image Reduction and Analysis Facility) software to reduce data recently obtained for Dr. Charles Liu, to be used in his research at a later time
- Analyzed this data for my own research project regarding the variations in distribution of molecular oxygen in active vs. inactive spiral galaxies