



# ANNE RICHARDSON

SOFTWARE ENGINEER

## CONTACT & PROFILES

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## SKILLS

Ruby, Rails, RSpec, Sinatra, Javascript, React, Node.js, jQuery, Action Cable, Jekyll, PHP, PostgreSQL, MySQL, SQLite, MongoDB, Elasticsearch, Heroku, AWS S3, XML, JSON, Sass/CSS3, HTML5, Git, Database Design

## OPEN SOURCE CONTRIBUTIONS

- FlicksOnLists.com** (2015 – present)  
<https://github.com/mikevallano/tmdb-moviequeue>
- StockAid** (August 19, 2018)  
<https://github.com/lortza/StockAid>
- Slackmojis.com** (July 26, 2018)  
<https://slackmojis.com>
- Atom React.js Snippets** (May 31, 2018)  
<https://github.com/lortza/atom-react-snippets>
- POODR** (May 26, 2017)  
<https://github.com/lortza/poodr>
- TicTacToe** (May 18, 2017)  
[https://github.com/lortza/tic\\_tac\\_toe](https://github.com/lortza/tic_tac_toe)

## EDUCATION

- Mentor Sessions**  
Meet weekly with an engineering mentor for code reviews and Q&A (2017 – present)
- Viking Education**  
Software Engineering Apprenticeship (2017 – 2018)
- Tech Talent South**  
Code Immersion Bootcamp (2015)
- The Pennsylvania State University**  
B.A. Grammar and Literature (1998 – 2001)  
Phi Beta Kappa & Phi Eta Sigma National Honor Societies

## RECENT SOLO PROJECTS

Find links to code, README explanations, or live sites along with more projects at [lortza.github.io](https://lortza.github.io)

### Instant Tarot Readings

- Rails 5 app that processes tarot card and position meanings to generate tarot readings
- 🔗 **Favorite Code:** the `ReadingCardSet` model that consumes `Cards` and `Readings` and uses metaprogramming to produce view-ready data
- 📦 **Tech Used:** Ruby 2.4, Rails 5.1, PostgreSQL, jQuery, Bootstrap, Heroku, Git, Devise, RSpec

### City Weather Etc. React Data Aggregator

- Combo React user interface app + separate Rails API app which serves a single product of location-based data loaded with 6 different external APIs repackaged as 1
- 🔗 **Favorite Code:** Rails `Report` model that generates the API output with simple calls to the other single-purpose models (`Weather`, etc.), which do the fetching of data from external APIs
- 📦 **Tech Used:** React, create-react-app, Rails 5.2, Ruby 2.5, JSON, PostgreSQL

### Velocity & Completion Date Projection Tool

- Course-tracking tool I built to manage my education goals, progress, and timelines
- 🔗 **Favorite Code:** the `TaskSet`, which takes the responsibility of defining sets (`Completed`, etc.) away from the `Task` model and generates scoped data needed by the view
- 📦 **Tech Used:** Ruby 2.4, Rails 5, PostgreSQL, Vanilla Javascript, Heroku

## EMPLOYMENT

### Software Engineer

*ProductMatchr.com (2016 – 2017)*

- Brought startup from spreadsheet to robust Rails app in 2 weeks by building MVP app.
- Extracted data from multiple unique merchant XML datafeeds and standardized for our db (ETL)
- Maximized performance with efficient Postgres queries and offloading db updates to late night with rake tasks
- 📦 Rails 4, Ruby 2.2, RSpec, Heroku, SendGrid, Rollbar, Devise, Ahoy, Git

### Jr Application Developer

*Mudbug Media (2016)*

- Fixed bugs and implemented new features for decade-old Fortune 500 client sites in legacy PHP codebases
- Deployed new client sites to in-house hosting
- Wrote workflow docs for company wiki
- 📦 PHP, jQuery, MySQL, RSpec, GitLab, VS

### Graphic & Web Design

*Self-Employed (2007 – present)*

- As a forerunner in the small business movement, launched successful 6-year “Local First” campaign for Denver that was modeled by other regions

- Created branding, web design, wireframes, HTML markup, CMS customization support
- 📦 HTML5, CSS3, Sass, Wordpress, Drupal, Squarespace, Adobe CS4 & 5

### Graphic Designer & DB Admin

*Denver Magazine, LLC (2009 – 2010)*

- Built new sales pipeline tracker which provided previously unavailable sales data and automated ad file delivery notifications
- 📦 Salesforce, Adobe CS4

### Systems Trainer & Programmer

*Beacon Communications (2005 – 2007)*

- Programmed custom hospital staff/patient communication systems and trained staff
- Designed company workflow tools and processes resulting in clearer communications and a stronger team dynamic
- 📦 MS Access, Excel

### Community Relations Coordinator

*Eat'n Park Hospitality Group (2003 – 2005)*

- Restructured company costume character program resulting in 90% cleaner costumes, and a boost in performance reliability
- Built MS Access db that reduced admin time by 80% and increased program capacity from 52 to 230 performances per year