

# SPENCER TASSONE

software engineer

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## SKILLS

Technical: React, Redux, Ruby, Ruby on Rails, Javascript, HTML, CSS3/SCSS, SQL, SQLite3, PostgreSQL, Git, jQuery, RSPEC, D3, Google Maps API, AWS S3, Salesforce, Wordpress, PHP, APEX, SOQL

## PROJECTS

**Yuup** (Rails, React, Redux, Google Maps API, AWS S3)

[live](#) | [github](#)

*A full-stack clone of Yelp where users can search for restaurants and review their experience*

- Incorporated React-Redux container and Redux selector patterns that enable access to restaurant details and reviews throughout the entirety of the front-end
- Connected the Rails back end to AWS S3 for image storage and organization that demonstrates production-level scalability, while maintaining content security with AWS IAM
- Managed customer profile comment CRUD functionality through custom transactional database operations enforced by both database level constraints and model-level validations using Active Record and PostgreSQL
- Implemented search features that allows for filtering by name, Rails associations, and geographical bounds using Google Maps API

**Texas Hold 'Em Odds Calculator** (JavaScript, D3)

[live](#) | [github](#)

*A data visualization of Hold 'Em hand equity statistics using Javascript and D3/SVGs*

- Leveraged D3 and SVGs to create a manipulatable and interactive table and deck that incorporates multiple avenues of data interaction.
- Personally organized and recorded API data points into custom files for use in multiple visual and functional components throughout the app
- Demonstrated a range of complex functionalities in JavaScript, including the implementation of Monte Carlo simulation to simulate 10,000 random hands, generating statistics within 0.85% accuracy in under 0.25 seconds.

## EXPERIENCE

### Software Developer

*North Mill Equipment Finance*

*Oct 2019 - Present*

- Responsible for the architecture, design and development of high volume web service applications
- Developed, maintained, created, and improved validation rules, custom workflows, Visualforce pages, Apex customizations, custom objects, fields, and formulas.
- Provided technical assistance and end user troubleshooting regarding bug fixes, enhancements, and "how-to" assistance
- Proactively engage on continuous improvement efforts for application design, support, and practice development efforts

### Lead Technician

*SAP Next-Gen*

*April 2017 - March 2019*

- Managed and maintained a floor of Emerging Technology demonstrations, cataloged their uptime and lead tours to prospective clients, increasing average runtime and use by over 75%.
- Implemented a highly versatile documentation and communication system to ensure efficiency in time management across the various teams using the floor.
- Tested, troubleshoot and repaired systems by identifying malfunctions and creating proper maintenance protocol.
- Routinely worked overtime, weekends and holidays to ensure complete customer satisfaction and meeting deadlines.

## EDUCATION

**Web Development** - App Academy | Summer 2019

**BS/MS Sociology & Philosophy** - SUNY Potsdam | 2010-2014