

SPENCER TASSONE

software engineer

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[PORTFOLIO](#)

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SKILLS

Technical: React, React Hooks, Redux, Ruby, Ruby on Rails, Javascript, HTML, CSS3/SCSS, SQL, SQLite3, PostgreSQL, Git, jQuery, RSPEC, D3, Google APIs, AWS S3, Wordpress, PHP, Apex, Visualforce, SOQL, Salesforce, AngularJS, C#

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.
- Organized and recorded API data points into custom files for use in 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

- Ground up, Integrated Salesforce backend with React front end to create unique UI with custom constraints
- Developed, maintained, created, and improved validation rules, custom workflows, Visualforce pages, Apex customizations, custom objects, fields, and formulas
- Crafted custom API endpoints within Salesforce and C#
- Provided tier 2 support 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, troubleshot and repaired systems by identifying malfunctions and creating proper maintenance protocol.

EDUCATION

Web Development - *App Academy* | Summer 2019

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