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LANGUAGES AND TECHNOLOGIES

- **Proficient:** Ruby, Rails, Sinatra, ActiveRecord, JavaScript, jQuery, Meteor, AJAX, SQL, PostgreSQL, SQLite, HTML5, CSS3, Sass (SCSS), Materialize, Bootstrap, RSpec, Git, Heroku, Shell/Bash Scripting
 - **Exposure:** MongoDB, AngularJS, ReactJS, Jasmine, Node.js, AWS (S3)
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RECENT PROJECTS

Software Engineer | Blind Auctioneer | [live](#) | [code](#)

2016

Live auction site for users to place bids on available items, or start auctions of their own items, completely anonymously.

- Architected ActiveRecord models on a Ruby and Sinatra server, establishing 3 one-to-many relationships among the users, items, and bids tables in a PostgreSQL database.
- Engineered 7 RESTful routes for each of the Sinatra controllers, enabling core auction house functionality.
- Implemented session based user authentication system with password hashing using BCrypt for max security.
- Created modularized view components using ERB to render partial forms, reducing view codebase by ~10%.
- Designed UI/UX using Materialize, CSS3, and HTML5 to best follow Google material design principles.

Software Engineer | The Bucket List | [live](#) | [code](#)

2016

Social platform for travel-minded individuals to create and manage "bucket lists" with GPS locations of their destinations.

- Built modular component driven ReactJS views with Meteor.js server for efficient rendering into 4 quadrants.
- Developed MongoDB queries for quick data manipulation of 3 collections (bucket items, categories, events).
- Integrated Google Maps API into ReactJS component to modularize map query functionality and reduce front-end map codebase by ~66%, while allowing users to find local events related to their list items.
- Utilized AWS S3 to allow users to upload photos from local devices and store them on their bucket list items.
- Followed scrum agile methodology on team of 4 engineers which included standups and Git version control.

Software Engineer | Blogger | [live](#) | [code](#)

2016

Online networking community for lovers of stream of consciousness writing to connect through their micro blog posts.

- Constructed admin privileges with Ruby on Rails, allowing controlled addition and deletion in PostgreSQL DB.
 - Wrote 10+ integration and unit tests for Rails models and controllers in RSpec resulting in 75% code coverage.
 - Used SCSS and JavaScript to implement the UI/UX and a modern flat design pattern, deploying to Heroku.
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PROFESSIONAL EXPERIENCE

Translator + Team Lead | LEIDOS, Inc. | San Francisco, CA

2008 - 2015

- Led select team of 4 Chinese linguists in providing services (translation, transcription, gisting, source data triaging, interpretation, training) US government clients.
 - Fostered winning and productive team environment resulting in top performance in division (1st of 4 teams).
 - Supported U.S. government's natural language processing technology research efforts by applying specialized foreign language expertise and cultural knowledge to create terminology database of 5,000+ entries.
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EDUCATION

Georgetown University, McDonough School of Business, M.B.A

Johns Hopkins University, M.A. Applied Economics

Cornell University, M.A. Asian Studies

University of Virginia, B.A. Asian Studies