

THOMAS SORENSEN

Software Engineer

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Technical Skills

Strong JavaScript, Angular.js, jQuery, D3, Node.js, Express, MongoDB, Mongoose, MySQL, Sequelize, HTML5, CSS3

Experienced PostgreSQL, Backbone.js, CoffeeScript, Grunt, Gulp, Mocha, Chai, Jasmine, Karma, TravisCI

Engineering Experience

Even Hire | Full Stack Engineer and Product Owner | evenhire.herokuapp.com

Applicant tracking system for recruiters to find the most qualified candidates, designed to circumvent unconscious biases

- Led a team of 4 engineers following scrum agile development methodology which involved daily stand-ups, managing version control using Git, and organizing project workflow with Waffle.io
- Constructed front-end views with Angular.js and wrote a custom directive to prevent duplicate job application
- Architected a PostgreSQL database schema, and used Sequelize on a Node.js and Express server to establish many-to-many, one-to-many, and one-to-one relationships among the applicant, job, and recruiter tables
- Implemented TravisCI for continuous integration to run Gulp client-side tests on push to Master branch
- Followed TDD principles writing unit tests using Jasmine, Mocha, and Chai to check Angular.js functionality

Freebeez | Full Stack Engineer and Scrum Master | freebeez.herokuapp.com

Platform for environmentally minded individuals to find and post free items as a means to keep landfills from growing

- Designed intuitive UI/UX for users to upload photos and view directions using Angular.js, HTML5, and CSS3
- Streamlined product development lifecycle through managing Git workflow on a team of 4 engineers

Fun Finder | Full Stack Engineer | find-fun.herokuapp.com

Event aggregation service for city dwellers to easily find local upcoming activities (movie listings, volunteering, meetups)

- Built RESTful server using Node.js and Express to gather and parse event JSON data to be properly rendered
- Integrated the Gracenote API to find local movie times, and displayed data following single-page app design using Angular.js to ensure that all event information would be conveniently located on the same page

Lance-a-lot | Full Stack Engineer and Product Owner | lance-a-lot.herokuapp.com

Tool for freelancers to organize and maintain their list of clients, and ongoing jobs in a simplified UI

- Developed views to allow users to input new jobs and new clients using Backbone.js for code modularity
- Created NoSQL database schema using Mongoose to store client and job collections in MongoDB
- Managed project scope and timeline with Waffle.io and kept team on a strict four day schedule

Lifespans | Front End Engineer | lifespans.herokuapp.com

Educational instrument for history students to easily find visualized correlations between lifetimes of historical figures

- Utilized D3 within an SVG to dynamically display and sort visualizations of data based on user selected filters
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Additional Experience

Financial Force | IT Support

2014 - 2015

- Organized software training bootcamps and resolved technical issues for 300+ member international team
- Improved documentation of inventory using Excel which resulted in reclaiming \$2000+ in software licenses
- Decreased IT support requests by 20% by migrating internal email and calendars from Microsoft to Google
- Shortened setup time of new company hardware by 75% through deployment of VMware AirWatch system

Apple Store | Genius Bar

2009 - 2014

- Strategized new marketing of Apple personal setup service, increasing storewide up-sell rate by 48%.
 - Reduced product returns by 20% through building an internal tool with iBooks to find correct video adapters.
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Education

MakerSquare | Advanced Software Engineering Immersive

San Francisco, CA | 2016

University of Wisconsin | B.A. in Theater and Drama and Certificate in Integrated Liberal Studies

Madison, WI | 2002

Personal

As an English teacher in Japanese public schools, I used more improv skills than when I attended classes at Upright Citizen's Brigade, the training ground for many Saturday Night Live comedians. I honed my leadership skills as a Volunteer Task Force Leader with the California Disaster Corps.