

Alice Davis

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OBJECTIVE	Contribute to secured and anonymized, in-browser communications and data sharing standards to amplify voices of marginalized communities.	
COMPUTER SKILLS	<i>Languages & Software:</i> JavaScript, HTML, CSS, React, Redux, Virtual DOM, Angular, Express, Hapi, Koa, Mocha, Tape, Zuul, Webdriver.io, npm, Builder, Lerna, Grunt, Gulp, Make, Git, Travis, Jenkins, TeamCity, MongoDB, Nginx, Docker, Kubernetes, TLS, GPG. <i>Code Examples:</i> https://github.com/diffalot	
EXPERIENCE	<i>Software Engineer</i> OpenTable, San Francisco, CA	2017 to 2018
	<ul style="list-style-type: none">• Developed front end applications in React and Redux.• Developed back end applications in Node.js and Express.• Created npm libraries for front and back end applications to consolidate core business logic.• Maintained TeamCity to Mesos build and deploy pipeline.• Created TeamCity build pipeline for Lerna projects.• Introduced semantic versioning of npm libraries with automatic changelog generation and versioning.• Created Builder archetypes to share build scripts among multiple projects.	
	<i>Technical CoFounder</i> Brydge4Schools.com, Jackson, MS	2016 to 2017
	<ul style="list-style-type: none">• Designed and built UI for parents to respond to prompts from teachers for at home learning.• Determined specifications for backend API.• Prepared Pro Forma business model for accelerator applications.• Packaged application for App Store and Play Store using Cordova.• Analyzed user activity to guide feature development.• Devised user retention methods that lowered user attrition by 60• Constructed build pipeline.• Managed Heroku applications.	
	<i>Front End Developer</i> EdgeTheory, Ridgeland, MS	2015 to 2016
	<ul style="list-style-type: none">• Developed customer facing and internal applications using Angular backed by Sinatra.• Refactored and modularized existing JavaScript code base.• Maintained front end Jenkins builds.• Built and maintained continuous integration testing via GitLab-CI.• Performed user studies and developed wireframes of new products.• Interviewed users for design feedback before product build.• Launched real-time message deployment dashboard providing visualization of core business services to non-technical departments.	

- Created docker-compose container sets for testing and development of internal and public facing microservices.
- Trained co-workers on front end testing methodology and practice.
- Guided co-workers during switch to branch based git workflow.

HTML, CSS, and Javascript Developer 2007 to 2009 and 2013 to 2015
Light Corporation, Jackson, MS

- Developed web app prototypes using HTML, JavaScript, and CSS packaged with Cordova.
- Developed web applications in Ruby, PHP, and Node.js.
- Configured and maintained secure e-mail and web virtual servers.
- Developed collaborative video editing and transmedia storytelling applications.
- Managed multimedia computer systems.

Community Manager 2009 to 2013
Kaltura, New York, NY

- Developed integration test suite to simultaneously test both HTML5 and Flash video players.
- Developed system to mirror private SVN source repositories to GitHub with filtering of insecure revisions.
- Supported developers with Kaltura integrations through IRC, forums, and in person.
- Co-Organized *How to JavaScript* meetup with 2000 members.
- Developed and administered html5video.org.
- Developed Google Wave video playback module.

COMMUNITY ORGANIZATION Co-Created Jackson's *Jackson Area Web and Mobile Developers* meetup.

Co-Organized Manhattan's *How to JavaScript* meetup with 2000 members.

CURRENT PROJECTS *datql* is an in browser p2p data propagation backend for queryable serverfree protobuf schemas. <https://github.com/diffalot/datql>

Congress Hotline is a Twilio backed Express app with a touch tone interface that helps people to search for their congressional representatives by entering their zip code and connects them to each representative in turn. <https://github.com/StayWokeOrg/general-congress-hotline>