

Gil Lawson

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TECHNICAL SKILLS

Proficient: JavaScript, Node.js, CSS, HTML5, AngularJS, PostgreSQL, Electron, Git, jQuery, Express, SQL, React, Redux, ES6, Socket.io

Knowledgeable: Python, build systems (Webpack, Gulp), workflow management (Waffle, Trello, Basecamp), Mocha, Chai, Jasmine, Tessel.io, Lodash, Sass, Unity

Familiar: Heroku, C#, Digital Ocean, Raspberry Pi, Bash scripts, AppleScript, NoSQL databases, Elm, Ruby on Rails

PROJECTS

Real-Time Git Tool/Desktop Application: GitTogether | Developer | September - November 2016 | [Github](#)

An Electron app for real-time version control to ensure project health and transparency during collaboration.

- Used Socket.io to build complex client- and server-side systems for communication which enabled the real-time transmission of information regarding file health, alterations, and team-wide workflow.
- Built tests to ensure reliable and consistent code in keeping with best practices.
- Integrated front-end design, back-end data tools, and automated shell commands to create an unobtrusive system for monitoring & analyzing local and remote filesystems.

Drag-and-drop task-queueing Electron app: Rivers | Sole Developer | September 2016 | [Github](#)

A productivity app that reflects time commitments, project queueing, and urgencies through an intuitive and flow-friendly interface.

- Created using React.js, Electron, CSS, HTML, Socket.io, and Webpack.

E-commerce store: Markey | Developer | September 2016 | E-Commerce Store | [Github](#)

An e-commerce store for posting and purchasing concert tickets.

- Created using Node, Angular, CSS, HTML, Gulp, Express, PostgreSQL, and jQuery.
- Responsible for creation of Express routes, prototyping schema for RDB, and writing HTML, CSS, and Angular templates for the entire site.

EMPLOYMENT

Freelance | Developer, technologist, editor | February 2016 — April 2017 | New York

- Built, maintained, and collaborated on sites and tools for businesses, individuals, and nonprofits.
- Designed, edited, & built employee training materials for the Smithsonian Institution in Washington, D.C.
- Provided consulting for curatorial projects & technological initiatives for Edge of Arabia, a collective of curators, artists, technologists and writers.
- Built custom web scrapers, portfolio sites, SQL databases, and Bash scripts to suit the needs of NY arts institutions.

Bidoun | Archive Editor | January 2015 — January 2016 | New York

- Edited, formatted, and imported articles for the digital migration of 24 issues of *Bidoun*.
- Developed standards and automated archival processes, saving hundreds of man hours by streamlining and accelerating numerous projects related to digital archiving & development of publishing platform.

Flow Advisory | Logistics Assistant | April 2015 — November 2015 | New York

- Built and managed an institution-wide cloud-based file system for the archival and display of media materials, contact information, client research, and gallery materials.
- Automated and accelerated numerous institutional processes through the creation of custom scripts and the development of best practices relating to digital materials.

EDUCATION

Bard College | B.A. in Literature and Writing | Annandale-on-Hudson, NY | 2008-2012

Graduated with 3.8 GPA. Awarded departmental prize for academic excellence.