



New York, NY



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# Paul Brown

## Full Stack Software Engineer

paulbrown.io



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github.com/paabrown



### TECHNICAL SKILLS

#### Strong

Javascript, ES6, React, Redux, AngularJS, jQuery, Node.js, Express, MySQL, MongoDB, Sequelize, Mongoose, Git, Firebase, Heroku, OAuth, HTML5, HTTP, RESTful APIs

#### Experienced

Webpack, Backbone, CSS3, CSS Grid, Various APIs (Google APIs, Yelp, Twilio, etc), Apache, PHP, PostgreSQL, Jest, Mocha, Chai, Passport

### SOFTWARE APPLICATIONS

#### Hacker Arena [goo.gl/6pYFyp](https://goo.gl/6pYFyp)

##### Full Stack Software Engineer

*Interactive Competitive Coding Platform*

- Created system in which data is passed between clients using Firebase database and sockets, providing near instantaneous interactivity between users
- Created multiple tiers of user authentication using client-side cookies and custom database rules, thereby protecting user data from malicious deletion or insertion

#### Teach Yo Self [goo.gl/4aQvbe](https://goo.gl/4aQvbe)

##### Full Stack Software Engineer

*Lesson Creation and Learning Platform*

- Added cross-site integration using Google Classroom API with OAuth access key, allowing teacher and student users to add content to their G-Classroom accounts

#### BillEasy [goo.gl/mU7LZG](https://goo.gl/mU7LZG)

##### Full Stack Software Engineer

*Restaurant Bill Splitting Solution*

- Architected system of text messages to pass application state between devices
- Leveraged Express to implement RESTful server endpoints for Twilio API

### PROFESSIONAL EXPERIENCE

#### The Lesson Builder LLC 2017-Present

##### Freelance Web Developer

- Worked with LAMP stack to complete various projects for three web properties receiving ~150,000 unique visitors per month, with ~50,000 paying subscribers

#### Hack Reactor 2017-Present

##### Software Engineering Associate Instructor

- Mentored students / led lectures / interviewed prospective students

#### Success Academy 2014-2017

##### Grade 6 Math / History Teacher

- For three years, >90% of my students scored the highest score on the state math test

#### Balsam Brands 2012-2014

##### SEO Analyst

- Managed a 5-person remote SEO team
- Used the Google Analytics API to build out data collection, analysis, and reporting processes for SEO department to report performance across our 15 online brands

### EDUCATION

Hack Reactor — Advanced Software Engineering Immersive — 2017  
University of Chicago — History and Philosophy — 2006-2010

### PERSONAL

Fun facts: There is an Emmy award in my apartment

Very specific current interests: Go (game), Web Assembly, Achewood, slatestarcodex, wedding planning