



New York, NY



(609) 462-6519



paabrown@gmail.com

# Paul Brown

## Full Stack Software Engineer

paulbrown.io



github.com/paabrown



linkedin.com/in/paabrown



### TECHNICAL SKILLS

<b>Client-side</b>	Javascript, ES6, React, Redux, AngularJS, Backbone, jQuery, CSS3, CSS Grid, HTML5, Jest, Mocha, Chai
<b>Server-side</b>	Node.js, Express, PHP, Apache, MySQL, PostgreSQL, MongoDB, Firebase Database, Sequelize, Mongoose, SQLite, OAuth, Passport, HTTP, RESTful APIs
<b>Developer Tools</b>	Webpack, Babel, Git, Grunt, Firebase Hosting, Heroku

### SOFTWARE APPLICATIONS

<b>Hacker Arena</b> <a href="https://goo.gl/6pYFyp">goo.gl/6pYFyp</a>	<b>Full Stack Software Engineer</b> <i>Interactive Competitive Coding Platform</i> <ul style="list-style-type: none"> <li>→ Created system in which data is passed between clients using Firebase database and sockets, providing instantaneous interactivity between users</li> <li>→ Used cookies and custom Firebase cloud storage / database rules to enforce authentication and a multi-tier user authorization system</li> </ul>
<b>Teach Yo Self</b> <a href="https://goo.gl/4aQvbe">goo.gl/4aQvbe</a>	<b>Full Stack Software Engineer</b> <i>Lesson Creation and Learning Platform</i> <ul style="list-style-type: none"> <li>→ Added Google Classroom integration using Google API with OAuth access key, allowing teacher and student users to add content to their G-Classroom accounts</li> </ul>
<b>BillEasy</b> <a href="https://goo.gl/mU7LZG">goo.gl/mU7LZG</a>	<b>Full Stack Software Engineer</b> <i>Restaurant Bill Splitting Solution</i> <ul style="list-style-type: none"> <li>→ Integrated SMS message-based API to pass application state between devices</li> <li>→ Leveraged Express to implement RESTful server endpoints for Twilio API</li> </ul>

### PROFESSIONAL EXPERIENCE

<b>The Lesson Builder LLC</b> 2017-Present	<b>Freelance Web Developer</b> <ul style="list-style-type: none"> <li>→ Worked with LAMP stack to complete various projects for three web properties receiving ~150,000 unique visitors per month, with ~50,000 paying subscribers</li> </ul>
<b>Hack Reactor</b> 2017-Present	<b>Software Engineering Associate Instructor</b> <ul style="list-style-type: none"> <li>→ Led lectures / interviewed prospective students / mentored students</li> </ul>
<b>Success Academy</b> 2014-2017	<b>Grade 6 Math / History Teacher</b> <ul style="list-style-type: none"> <li>→ For three years, over 90% of my students scored the highest score on the state test</li> </ul>
<b>Balsam Brands</b> 2012-2014	<b>SEO Analyst</b> <ul style="list-style-type: none"> <li>→ Managed a 5-person remote SEO team</li> <li>→ 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</li> </ul>

### 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