

# Paul Brown

## Full Stack Software Engineer

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### TECHNICAL SKILLS

<b>Strong</b>	Javascript, ES6, React, Redux, AngularJS, jQuery, Node.js, Express, MySQL, MongoDB, Sequelize, Mongoose, Git, Firebase, Heroku, OAuth, HTML5, HTTP, RESTful APIs
<b>Experienced</b>	Backbone, React Router, CSS3, CSS Grid, Various APIs (Google APIs, Yelp, Twilio, etc), Apache, PHP, PostgreSQL, Jest, Mocha, Chai, Webpack, Passport

### 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 near instantaneous interactivity between users</li><li>→ Created multiple tiers of user authentication using client-side cookies and custom database rules, thereby protecting user data from malicious deletion or insertion</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>→ Implemented Google/Facebook OAuth login using Passport, reducing average account creation time by almost 5 seconds</li><li>→ 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</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>→ Architected system of text messages to pass application state between devices</li><li>→ Leveraged Express to implement RESTful server endpoints for Twilio API</li></ul>

### PROFESSIONAL EXPERIENCE

<b>Hack Reactor</b> 2017-Present	<b>Software Engineering Associate Instructor</b> <ul style="list-style-type: none"><li>→ Mentored students and led lectures on in Javascript, Node, Angular, React, etc</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, &gt;90% of my students scored the highest score on the state math 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), wasm, Achewood, slatestarcodex, wedding planning