



New York, NY



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Paul Brown

Full Stack Software Engineer

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TECHNICAL SKILLS

Client-side	Javascript, ES6, React, Redux, AngularJS, Backbone, jQuery, D3, SVG, CSS3, CSS Grid, HTML5
Server-side	Node.js, Express, PHP, Apache, MySQL, PostgreSQL, MongoDB, Firebase Database, Sequelize, Mongoose, SQLite, OAuth, Passport, HTTP, RESTful API principles
Developer Tools	Webpack, Babel, Git, Grunt, Firebase Hosting, Heroku, Jest, Mocha, Chai

SOFTWARE APPLICATIONS

Hacker Arena goo.gl/6pYFyp	Full Stack Software Engineer <i>Interactive Competitive Coding Platform</i> <ul style="list-style-type: none"> → Created system in which data is passed between clients using Firebase database and sockets, providing instantaneous interactivity between users → Used cookies and custom Firebase cloud storage / database rules to enforce authentication and a multi-tier user authorization system
Teach Yo Self goo.gl/4aQvbe	Full Stack Software Engineer <i>Lesson Creation and Learning Platform</i> <ul style="list-style-type: none"> → Added Google Classroom integration using Google API with OAuth access key, allowing teacher and student users to add content to their G-Classroom accounts
BillEasy goo.gl/mU7LZG	Full Stack Software Engineer <i>Restaurant Bill Splitting Solution</i> <ul style="list-style-type: none"> → Integrated SMS message-based API 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 <ul style="list-style-type: none"> → 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 <ul style="list-style-type: none"> → Led lectures, interviewed applicants, and mentored current students
Success Academy 2014-2017	Grade 6 Math / History Teacher <ul style="list-style-type: none"> → For three years, over 90% of my students scored the highest score on the state test
Balsam Brands 2012-2014	SEO Analyst <ul style="list-style-type: none"> → 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