

# David Gudeman

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## Education

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### General Assembly

San Francisco, CA

*Certificate of Completion,*

*October, 2014–December, 2014*

Web Development Immersive: A 12-week immersive full-stack web development program focused on common best practices in object-oriented programming, MVC frameworks, data modeling, and test-driven development. Languages covered include JavaScript/CoffeeScript, Ruby and SQL. Frameworks covered include Node.js, Rails, Angular and Ionic.

### University of California, Los Angeles

Los Angeles, CA

*Bachelor of Science, Physical Chemistry, 3.93*

*February, 2013*

Studied high level physics and math in addition to chemistry. Major physics classes taken include quantum mechanics, statical mechanics and thermodynamics. Major math classes taken include mathematical statistics, probability, numerical analysis, real analysis, complex analysis, ordinary differential equations and linear algebra.

## Projects

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### Unbeatable Tic-Tac-Toe

*tictactoe.gudeman.co*

Web application that allows a user to play against another human or a computer. Real time two player functionality was accomplished by using websockets/socket.io. Any number of two player games can be played at the same time without problems. The computer player was created by implementing the **MinMax** decision rule.

### TheBestBlogEver

*thebestblogever.herokuapp.com*

Traditional CRUD app inspired by reddit. Built with a Node.js backend. It utilizes Passport for Sign up/login, PostgreSQL for the database and Sequelize for the ORM. It features an recursive commenting system in which comments on comments are properly indented. AJAX is used when a user creates/updates/deletes a comment so the page does not refresh.

## Technical skills

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**Languages:** JavaScript, CoffeeScript, Ruby, **Authorization:** Passport Local, Bcrypt  
HTML, CSS

**Frameworks:** Node.js, ExpressJS, Rails, socket.io, **Testing:** Mocha, Chai, RSpec  
Angular, Ionic

**Database tools:** SQL, PostgreSQL, Sequelize, **Other:** Git/GitHub, AWS, jQuery, AJAX, JSON,  
ActiveRecord, Bootstrap,