

# Dan Burke

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[github.com/d-burke](https://github.com/d-burke)

**Technical Skills:** JavaScript, C, Node.js, Express.js, SQL, MySQL, Sequelize, MongoDB, RESTful APIs, React.js, React Native, Angular.js, Backbone.js, Bootstrap, HTML, CSS, Ajax, jQuery, JSX, Underscore.js, OAuth, npm, Grunt, Gulp, Mocha, Chai, Heroku, DigitalOcean, Git, GitHub, Agile Development

## Applications:

### **Scriba -**

[github.com/Wizards2016](https://github.com/Wizards2016)

*Mobile AR messaging app where posts are accessible from their physical GPS locations*

- Conducted a team of frontend and backend engineers as Product Owner
- Wrote entire backend in Node.js/Express with a MySQL database using Sequelize ORM
- Architected bulletproof error handling for all incoming server requests
- Directed sprint planning and oversaw assignment delegation.

### **CrashCourse -**

[github.com/cats-games/crashcourse](https://github.com/cats-games/crashcourse)

*Suite of 6 different games for creating, taking, and sharing quizzes*

- Oversaw and managed implementation of product features and roadmap
- Developed interactive quiz game utilizing collision detection and keyboard interface
- Added in-game billboard images to display quiz questions from dynamic HTML in real time
- Connected various game state conditions as a way to answer quiz questions

### **TriviaQuest -**

[github.com/cats-games/triviaquest](https://github.com/cats-games/triviaquest)

*Roguelike dungeon crawler RPG trivia game*

- Served as team lead to achieve MVP ahead of schedule and exceeded feature goals
- Created React.js components, keyboard controls, game map maze, and graphics
- Integrated JavaScript Roguelike skeleton framework and altered the code to suit our project

### **Nebulous -**

[github.com/d-burke/nebulous](https://github.com/d-burke/nebulous)

*Dynamic messaging client*

- Built a dynamic single-page web application from scratch using only JavaScript/jQuery for a Hackathon
- Designed and stylized the page with animated sci-fi space theme using JavaScript and CSS

### **YouTube Distraction Free Mode -**

[goo.gl/1HlxIB](https://goo.gl/1HlxIB)

*Google Chrome Extension for video only YouTube watching*

- Created a Chrome Extension that injects JavaScript with DOM manipulation
- Published and available on the Chrome Web Store

## Work Experience:

### **Business Owner - Burke Training**

2006 - 2017

*Started and ran successful personal training business for 10+ years*

- Solved complex problems by breaking down information and reducing complexities to derive optimal strategies
- Instructed and mentored with a high level of expertise utilizing concise and effective communication
- Incentivized client referrals and completely eliminated the need for advertising cost
- Sustained 100% client retention rate over the past 8+ years of business

## Education:

**Hack Reactor** - Advanced Software Engineering Immersive Program

2016 - 2017

**De Anza College** - Computer Science, Philosophy

2001 - 2006