



## JOEY DOYLE

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### CONTACT

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🐙 [GitHub](#)

🌐 [LinkedIn](#)

👤 [Personal Website](#)

### EDUCATION

#### APP ACADEMY,

January 2018

Full Stack Web Development

#### UNIVERSITY OF CALIFORNIA, LOS ANGELES,

August 2013

B.S. Applied Mathematics/  
Economics

### TECHNICAL SKILLS

Ruby/Ruby on Rails

JavaScript

jQuery

HTML5

CSS3

React

React Native

Three.js

Flux/Redux

Heroku

SQL/MYSQL/ PostgreSQL

Linux / Red Hat Linux

Git

Webpack

Babel

Rspec

Photoshop

### PROJECTS

#### PHOTOSPHERE - Single page, photo gallery, web app

[Live Site](#) | [GitHub](#)

- Regulated user authentication and secure routing through React/Redux cycle and Rails controller checks
- Remotely stored drag and drop file uploads using the Cloudinary CDN, reducing server load and allowing for scalability
- Leveraged CSS columns and media queries to render smooth UI, for all desktop and mobile devices
- Employed RESTful JSON APIs to render jBuilder views that send data to the front end
- JavaScript • Ruby on Rails • React • PostgreSQL • Webpack • Babel

#### AIR HOCKEY 3D – JavaScript, air hockey game

[Live Site](#) | [GitHub](#)

- Utilized hardware acceleration using the Three.js library along with the WebGL API to render rich, 3D graphics
- Implemented custom physics algorithms to provide smooth, interactive collisions between puck and paddles
- Ran Webpack along with the Babel transpiler to create cross-platform, browser compatibility.
- JavaScript • HTML • CSS • Three.js • WebGL • Babel • Webpack

#### QUICK BID – Single page, auctions mobile app

[Live Site](#) | [GitHub](#)

- Enabled real-time event-based communication between Express server and multiple users by utilizing Socket.io connection
- Combined Open Authorization with the MERN stack framework and React Native library to create a secure and easy-to-use mobile environment
- Integrated asynchronous callbacks on the server side to load products based on current date and time.
- JavaScript • MongoDB • Express • Node.js • React Native • Babel • Socket.io

### EXPERIENCE

#### PRODUCT ENGINEER I | Tone Software

May 2014 – Jan 2017

- Provided technical support and implementation assistance for software responsible for monitoring Cisco, Nortel, and various other telecommunication devices.
- Worked in conjunction with sales and the development team to deliver technical demonstrations and training presentations that helped bring in more than \$500,000 dollars in revenue each year.
- Supported and maintained Linux application servers used for QA and development, promoting faster GA build time.
- Built working RedHat and Postgres/Oracle database test systems for use in customer on-boarding processes.

#### MATHEMATICS TUTOR | Club Z! Tutoring/ Schools First

Oct 2011 – May 2014

- Operated as the lead mathematics tutor, working with students struggling to improve their mathematical skills
- Collaborated with various teachers at Daniel Webster Junior High School to develop after school study programs
- Functioned as a recruiter, networking at UCLA to evaluate potential tutors in mathematics
- Provided in-home tutoring services for high school/college students studying mathematics.