



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.