JD

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CONTACT

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EDUCATION

APP ACADEMY,
Oct 2017 – Jan 2017
Full Stack Web Development

UNIVERSITY OF CALIFORNIA, LOS ANGELES,
Sept 2011 – Aug 2013
B.S. Applied Mathematics/ Economics

ORANGE COAST COLLEGE,
Aug 2008 – June 2011
A.A. Mathematics

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
MongoDB
Node.js
Express

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 to the cloud using **Cloudinary**, 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
- STACK: **JavaScript, Ruby on Rails, React, PostgreSQL**

AIR HOCKEY 3D – JavaScript, air hockey game   **Live Site | GitHub**
- Utilized **Three.js** and **WebGL** libraries to render rich, 3D graphics
- Implemented custom physics algorithms to provide smooth, interactive collisions between puck and paddles
- STACK: **JavaScript, HTML, CSS, Three.js, WebGL**

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
- Promoted custom built algorithms to sync auction times among all users with the current date and time.
- STACK: **JavaScript, MongoDB, Express, Node.js, React Native**

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   **Aug 2013 – May 2014**
- Provided in-home tutoring services for high school/college students studying mathematics, economics, chemistry, and biology.
- Designed personalized study plans for individual students depending on their needs and capabilities.

MATHEMATICS TUTOR | Schools First   **Oct 2011 – May 2013**
- 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 for struggling students
- Functioned as a recruiter, networking at UCLA to evaluate potential tutors in mathematics