

Tong Ji

<https://tji132006.github.io> | <https://github.com/tji132006>

TECHNICAL SKILLS

Front-end: HTML5, CSS3, SASS, JavaScript, jQuery, React, ES6, Bootstrap, JSON, AJAX

Back-end: NodeJS, ExpressJS, RESTful API, Apache Tomcat, Java Servlet

Database: MySQL, MongoDB

Development Tools: Git, GitHub, NPM, Postman, Adobe Photoshop, Sublime Text, Atom

PROFESSIONAL EXPERIENCE

Titan (<http://18.221.117.33/Titan/>)

An event recommendation web application that improves clients search speed based on personalization

- Developed the web page user interface utilizing HTML5, CSS3 and JavaScript
- Established Java servlets with RESTful API to handle HTTP requests and responses
- Built relational database MySQL to store event data from integrated Ticketmaster API
- Deployed server to Amazon EC2 to operate the website in the cloud

NBA Player Stats (<http://nba-web.surge.sh/>)

A signal page website that helps basketball enthusiasts better visualize the NBA players' shooting performance

- Integrated the NBA Shot Chart API to display player's statistics including shooting data on a dashboard
- Developed the webpage using ReactJS
- Created a filter for clients to better allocate and analyze player's shooting range

Post Around

A web application that allows clients to post and explore nearby posts with integrated Google Map API

- Developed the user interface utilizing ReactJS with Ant Design framework
- Implemented the web service in Go to operate the backend
- Deployed the web service to Google Cloud for better scaling

Go Travel

A mobile-first responsive website that accelerates the loading speed on various screen resolutions

- Constructed the webpage utilizing HTML5, CSS3 and JavaScript
- Enhanced the BEM and PostCSS techniques to drive the CSS styling easy to manage
- Integrated NodeJS tools such as NPM and Gulp to organize the code

EDUCATION

University of California San Diego, La Jolla, CA

Bachelor of Science in Electrical and Computer Engineering, 2014