

Deokjae Jeon

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GitHub: github.com/deokjj

Portfolio: deokj.com

TECHNICAL SKILLS

- **Proficient:** JavaScript, ReactJS, Angular 4, Node.js, Express, MongoDB, HTML5, CSS3, SCSS, Flexbox, jQuery, React Native, Semantic UI, Material UI, ThreeJS, Git
- **Exposure:** Java, C, Python, TypeScript, SQL, AWS S3, Firebase, Heroku, Flask, CakePHP, Shopify, Redux

WORK EXPERIENCE

New York Hall of Science and Others | Front End/ Full Stack Developer, Contract | New York, NY Mar 2019 - Present

- Worked on Projects for clients from New York Hall of Science, Brooklyness, New Craft and other companies.
- Developed +20 UI components into ReactJS platform, Shopify Theme and Wordpress Application.
- Built Node and Express App to handle authentication and real-time currency conversion.
- Maintained frontend standards documentation and UI best practices by type-checking with React PropTypes, documenting with JSDoc, Styling with SCSS and Suit CSS which increased code readability for dev team.

Protobrand | Front End Developer, Intern | Boston, MA

May 2018 - Aug 2018

- Maintained CakePHP app and updated average of 10 UI components per week utilizing JavaScript and CSS3.
- Revamped UI and entire survey section of platform through redesigning 13 pages of survey question types by developing 20 new UI components using JavaScript, HTML5, CSS3, and Semantic UI library.
- Introduced modern frontend updates and UI libraries by integrating ES6 features, CSS flexbox and Semantic UI which resulted in compatibility and optimization for over 20 devices with different screen sizes.
- Conducted Quality Assurance (QA) testing (compatibility testing, UI testing, usability testing, cross-platform testing) and reported over 20 frontend issues and bugs.

Otherlab | Mechanical Engineer, Intern | San Francisco, CA

May 2016 - July 2016

- Designed 5 hardware parts using SolidWorks CAD for a project to prototype compact disability friendly car.

EDUCATION

Computer Science, University of Miami

Jan 2017 - Dec 2018

Mechanical Engineering, University of California, San Diego

Sep 2015 - Nov 2016

PROJECT WORK

Room 360 | cityroom360.firebaseio.com | github.com/Deokjj/room-360

Mar 2019

3D rendered room and first person view with keyless and mouseless navigation via webcam.

- Created 3D WebGL scene using ThreeJS and imported Collada files to render 3D objects.
- Developed 1st person controller in ThreeJS and integrated with face tracking library (BRFv4) by programming with JavaScript to enable user to control camera view interactively via head movement.

Deokj.com | deokj.com | github.com/Deokjj/deokj.com

Nov 2017

Personal portfolio website for introduction and visual demonstration of project works completed.

- Designed JavaScript and ReactJS app following Google's Material design principles and Material UI library; tested to be responsive and compatible over 11 devices regardless of orientation (landscape or portrait).
- Applied animations with React Velocity and Canvas API to create interactive user experience.

Mad Alarm | alarmmadness.herokuapp.com | github.com/Deokjj/AlarmMadness

Aug 2017

Fullstack alarm application that requires user make facial expression to snooze and lets users share moments.

- Completed full stack application using Angular 4, Node.js, Express and MongoDB (MEAN stack).
- Integrated third party API such as Google Vision API and Youtube Data API to implement features such as facial expression detection and searching and playing Youtube video.
- Designed RESTful API to implement log in, adding alarms, posting user status and commenting on a thread.
- Implemented MongoDB to store and retrieve data and Amazon Web Service (AWS) S3 for user images.

LEADERSHIP + AWARDS

President's Scholarship, University Of Miami

2017 - 2018

College Org Co-initiator, Queens Of Color, University Of Miami

2018