

Software Engineer Software Engineer Software Engineer - SketchyMedical Dallas-Fort Worth, TX  
Work Experience Software Engineer SketchyMedical May 2017 to May 2019 Built and launched two digital products designed to supplement medical and nursing students' conventional education.

Rewrote AngularJs app to modern Angular app. Designed and implemented client side session management system and authentication flow. Translated static design contents into a mobile responsive web app using HTML5, CSS3, Sass, Bootstrap, Flexbox, Uikit, Angular and TypeScript.

Collaborated with content, design, and marketing teams to develop new products from conception through launch and maintenance. Worked in close collaboration with the content director and founder. Practiced agile product development methodologies (Scrum, Kanban) and project management tools (JIRA, Confluence, Trello). Front End React Developer OPEN SOURCE PROJECT March 2017 to June 2017 Built a web app that helps users find local food pantries and places to buy healthy food in Los Angeles. Updated a slow old website to a modern web app.

Focused on front-end development using ReactJS and Redux. Front End Developer IN Education, Inc September 2016 to March 2017 Volunteer UI Front End developer focusing on translating static design content into responsive template using HTML5, CSS3, JQuery, Bootstrap, and Javascript.

Accelerated front end work flow and finished the project on time. Received Certificate of Excellence award, 4th Quarter of 2016. Staff Associate - Laboratory of Personalized Genomic Medicine Columbia University Medical Center - New York, NY June 2013 to June 2016 Managed the delegation of tasks and responsibilities to ensure a smooth company merge. Performed Illumina Next-generation sequencing data analysis using Bioinformatics software NextGene to accurately diagnose the patient illnesses. Used advanced Excel programming to reduce paperwork prep time for various clinical assays by 50%.

PERSONAL PROJECTS US License plate game Sole-developer and Maintainer Github App Store Developed a React Native mobile cross-country road trip iOS app. Integrated Firebase Authentication and realtime database, and managed application state using Redux. Regular-guys Co-developer Github Presentation RegexRace.com Worked on team of 4 to build web app to help programmers learn regular expressions. Developed routes and models for the back-end using Express and NodeJs, and

Angular factories, controllers, and states for front- end. Education Master of Science in Biochemistry  
Cornell University Graduate School of Medical Science - New York, NY 2013 Bachelor of Science in  
Biology Stony Brook University - Stony Brook, NY 2008 to 2010 certification Fullstack Academy -  
New York, NY Skills JAVASCRIPT (2 years), HTML5 (2 years), jQuery (2 years), AJAX (2 years),  
AngularJS (2 years), CSS3 (2 years), HTML 5 (2 years), ReactJS (2 years), Redux (2 years), Sass  
(2 years) Links <http://github.com/sjaymoon15> <http://linkedin.com/in/sjaymoon15>  
<https://appadvice.com/app/us-license-plate-game/1209614131> Additional Information TECHNICAL  
SKILLS Proficient: HTML5, CSS3, JavaScript (ES6), NodeJS, Express, ReactJS, React Native,  
Redux, jQuery, Git, AJAX, AngularJs Knowledgeable: PostgreSQL, MongoDB, Firebase

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