

# Richard Lam

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## Skills

<b>Languages</b>	JavaScript, HTML, CSS, PHP, Java, SQL
<b>Technologies</b>	React, React Native, Redux, Node.js, Express, Next.js, Gatsby, Electron, MySQL, MongoDB, REST, WebSocket, Unreal Engine, XCode Windows, Linux, OS X, iOS, tvOS, Android
<b>Tools &amp; Other</b>	AWS EC2, RDS, S3, GameLift, Git, NPM, Yarn, Sentry, CodePush, Photoshop OOP, FP, MVC, SSL, Authentication, Encryption

## Experience

<b>Senior Software Engineer &amp; Assistant IT Director</b> - Simple Science	Jun 2018 - Jun 2019
<ul style="list-style-type: none"><li>• All of the same responsibilities as prior including managing tasks and communications between an offshore dev team, in-house design team, and clients</li><li>• Developed an iOS &amp; Android React Native app that connects to the events platform to display important information, notify attendees, and engage with users throughout the event</li><li>• Developed an iOS &amp; tvOS app that manages video content on multiple TVs on an offline network. Built with React Native, Node.js, Socket.io, MongoDB</li></ul>	
<b>Software Engineer &amp; Assistant IT Director</b> - Simple Science	Jun 2017 – Jun 2018
<ul style="list-style-type: none"><li>• Architected, developed, tested, deployed, and maintained mobile, web, and server applications</li><li>• Collaborated with clients and project managers to translate business requirements into technical specifications, providing estimates and timelines</li><li>• Developed a web platform for managing corporate events, attendees, and event schedules. Built with React, Next.js, Node.js, Sails.js, MySQL</li><li>• Developed numerous event websites that integrated with events platform using React, jQuery, PHP</li><li>• Developed an iOS &amp; Android app aimed towards kids to track teeth brushing and reward good brushing habits. Built with React Native, Node.js, Express.js, MySQL</li></ul>	

## Projects

<b>MyTube</b>	YouTube clone to mimic premium features and circumvent ads. Built with React Native, TypeScript.
<b>NodeStory</b>	MapleStory multiplayer online game server emulator. Built with Node.js, TypeScript, MongoDB.
<b>Paragon</b>	Remake of the third-person multiplayer online game. Built with Unreal Engine, GameSparks, AWS GameLift, C++, JavaScript, MongoDB.

## Education

<b>California State University, Long Beach</b>	<b>May 2017</b>
BS in Business Management, Minor in Computer Science	GPA: 3.45
Coursework: Honors Data Structures & Algorithms, Computer Security	