

Mark S. Kim

Software Engineer

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Technical Skills:

Strong	JavaScript, React, Redux, Backbone, Bootstrap, Angular, RESTful API, Node, Express, MySQL, MS SQL Server, Google Maps API, Chrome DevTools, Git, Google Analytics
Experienced	AWS, jQuery, NoSQL, MongoDB, socket.io, Webpack, ES6, Visual Basic, XML

Project Experience:

nimblecode React Redux socket.io Node/Express Ace Editor	Product Manager, Software Engineer - nimblecode.io <i>Code typing racing game with singleplayer and live multiplayer modes</i> <ul style="list-style-type: none">- Developed a single-page app using React/Redux- Wrote code-typing gameplay logic and designed multiplayer game functionality using sockets- Implemented Redux actions and reducers for application's global state- Led team in product design and technology decisions
StudyMate Node/Express MySQL Angular Bootstrap	Product Manager, Software Engineer - study-mate.herokuapp.com <i>Web app that connects people with study partners and organizes meet ups by location and topic</i> <ul style="list-style-type: none">- Developed the RESTful API back-end to communicate with the MySQL database- Constructed the MySQL db schema to store user/event data and user/event relationships- Implemented server-side authentication and client-side sessions using tokens and BCrypt- Led stand up meetings, drove product decisions, and established team practices
Brew4Two Angular Google Maps API Node/Express MongoDB	Software Engineer - brewfortwo.herokuapp.com <i>Dating app that allows users to schedule dates at local coffee shops</i> <ul style="list-style-type: none">- Wrote logic to display search results and map markers based on geolocation or map drag- Integrated Google Maps API with front-end design features- Designed user/event authentication and validation using Angular and Express
Combined Leak Detection Project Visual Basic MS SQL Server	Atmos Engineering Lead <i>Pipeline leak detection project combining statistical analysis and pressure wave technology</i> <ul style="list-style-type: none">- Implemented scripts in Visual Basic to combine data from both leak detection technologies- Configured Atmos leak detection systems to interface with clients' SCADA control systems- Co-authored technical paper and presented at pipeline technology conference

Work Experience:

Atmos International Anaheim, CA	Project Engineer <ul style="list-style-type: none">- Developed advanced leak detection scripts using Visual Basic- Implemented and maintained leak detection SQL databases and leak detection servers- Managed and led 6-8 concurrent implementation projects- Generated revenue totaling \$3 million by delivering 40 projects- Mentored three junior engineers and led project teams of 2 and 3	2012 - 2016
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Education:

MakerSquare LA	Advanced Software Engineering Immersive	2016
UCLA	B.S. in Civil Engineering, Minor in Environmental Engineering	2012

Personal Interests:

I enjoy travelling (15 countries), youth mentorship, NBA/NFL/MLB, iPhone jailbreaking, and good coffee. I also ran with the bulls in Spain while on a study abroad program.