

# Michael Kim, full-stack developer

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Los Angeles, CA

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Github.com/SparklingWaterLemon  
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Full-stack developer with a background in sales, studio arts, and chemistry.

## Skills

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Languages	JavaScript, HTML, CSS (Familiar) Python
Database	MongoDB, PostgreSQL
Libraries and Frameworks	React, Express.js, jQuery, Mongoose, Django
Version Control	Git, GitHub

## Projects

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### The Great Gig in the Sky

Lunar Themed Weather App and Journal  
Single Page Application (SPA) – Full Stack / MERN Stack

- Application renders images of the moon tonight and the previous 150 nights. Created algorithm to "pre-loaded" images on application start up to decrease loading time.
- Using the images, created an Apple-like **Parallax** scrolling animation. While scrolling, the displayed image of the moon will update. Info box featuring corresponding date and moon phase updates as well.
- Implementation and extensive use of **React Hooks**.
- Weather and astrological data is **fetches and rendered client-side**, using **Fetch API** and a 3<sup>rd</sup> party Weather API.
- User **Sign-up/ Log-In / Authentication functionality**, built ground up.
- Implemented **REST APIs, full CRUD** operations for journal entries – MongoDB, Mongoose.
- **Media Responsive Design**.

GH <https://github.com/sparklingwaterlemon/The-Great-Gig-in-the-Sky>  
Live <https://the-great-gig-in-the-sky.herokuapp.com/>

### Shake On It!

Send and Track Bets, Wagers, and Challenges to Added Friends  
Full Stack / MERN Stack

- Incorporated **Google OAuth2** with **Passport.js**, **Session.js** and **Google Cloud API Services**.
- Implemented **REST APIs, full CRUD** with **Node.js**, **Express.js** and **MongoDB/ Mongoose**.
- Created **Search Bar** functionality - ability to add friends by their gamertag.
- AAU, create and track private bets, wagers, and challenges between added friends.
- Created functionality to display 10 random games from database on landing page.

GH <https://github.com/sparklingwaterlemon/Shake-On-It>  
Live <https://shakeonit.herokuapp.com/>

# Portfolio

Personal Page  
React

- Incorporated **React Scroll Library**, **SweetAlert2 Library**, and **EmailJS API**.
- Incorporated **React Hooks** for Bubble Animation.
- **CSS** - Keyframes/ Animations, Transitions.
- **Media Responsive Design**.

GH <https://github.com/sparklingwaterlemon/Portfolio>

Live <https://michaelkim.netlify.app/>

## Craps

In-Browser Craps Game  
HTML, CSS, JS

- Simplified Version of Craps. Notable functionalities - Drag and Drop feature.

GH <https://github.com/sparklingwaterlemon/Project-1-Craps>

Live <https://sparkly-platypus.netlify.app/>

## Education

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<b>Centre College</b> (Danville, KY)	B.A. Studio Arts, minor Chemistry	09/2009 – 05/2013
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### Leadership

- Cofounded the Iota Chapter of the Delta Kappa Epsilon Fraternity.
- Served as the Interfraternity Council Delegate for Delta Kappa Epsilon.
- Served as the Men's Lacrosse Team Student Manager.

<b>General Assembly</b> (Remote)	Software Engineering Bootcamp	07/2022 – 10/2022
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## Professional Experience

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06/2021 – 06/2022	Sales Consultant	@ Honda of Los Angeles	Los Angeles
06/2017 – 06/2021	CA State Licensed Smog Check Inspector	@ Kim's Smog Test Only	Los Angeles
06/2016 – 06/2017	Billing Specialist	@ Behavior Frontiers	Gardena
06/2015 – 06/2016	Billing Assistant	@ Behavior Frontiers	Gardena
06/2013 – 06/2015	Ceramicist	@ Pallas! Ceramics	Los Angeles
06/2014 – 06/2015	Bartender	@ Bel-Air Bay Club	Pacific Palisades
06/2013 – 06/2014	Bartender	@ XLanes	Los Angeles