RICHARD NG

SOFTWARE ENGINEER

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[richardkentng.github.io/portfolio/](https://richardkentng.github.io/portfolio/) | [linkedin.com/in/richard-kent-ng](https://www.linkedin.com/in/richard-kent-ng)  | [github.com/richardkentng](https://github.com/richardkentng) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SKILLS**

* **Languages**: JavaScript, HTML/CSS, Python. **Data**: Mongoose, Sequelize, MongoDB, PostgreSQL, ATLAS, AWS
* **Frameworks**: Express, Node, React, Django. **Other**: Git/GitHub, SASS, CSS Flexbox/Grid, Bootstrap, Materialize
* **Spoken Languages**: Fluent English, Beginner/Intermediate Mandarin and Cantonese.

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**PROJECT EXPERIENCE**

**GUESSCARDS** [guesscards.herokuapp.com](https://guesscards.herokuapp.com) (Solo Project) Apr 2021

* Users can log in to create sets of flashcards to study. Full CRUD functionality.
* MERN app: used **MongoDB** for data**, Express** and **Node** for the backend API, **React** for the frontend, and **SASS**.
* Learned about setting up auth with json web tokens, using functional and class components in React, configuring the server to respond with different status codes, viewing/editing data on MongoDB’s **ATLAS**

**WAYFARER** [the-wayfarer.herokuapp.com](https://the-wayfarer.herokuapp.com/) (Group Project) Mar 2021

* Users can log in to leave reviews about popular cities. Full CRUD functionality.
* Used **PostgreSQL** for data, **Python** and **Django** to set up auth, URLs, views, and templates, **Materialize** for styling
* Learned about using request objects to pass data between view functions, using context processors to send data to all templates, using **AWS** to handle image uploading, creating a custom search/dropdown menu.

**SNIPPETS** [snippet-master.herokuapp.com](https://snippet-master.herokuapp.com/)(Group Project) Feb 2021

* Users can log in to create ‘snippets’ of data that can be found via search bar. Full CRUD functionality.
* Used **PostgreSQL** for data, **Express** and **Node** to set up quick routes, **Bootstrap** for styling.
* Learned about one-to-many table relationships, pair programming, working as a team on GitHub to push and pull and resolve conflicts together, creating powerful tab-autocomplete functionality, using Flexbox inside Grid.

**TWO-FISH**  [richardkentng.github.io/two-fishes](https://richardkentng.github.io/two-fishes/)(Concept Solo Project) Feb 2021

* Users can browse for profiles of people, whose data is generated from an API. Learned about CORS errors.

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**EDUCATION**

**GENERAL ASSEMBLY:** [SOFTWARE ENGINEERING IMMERSIVE REMOTE](https://generalassemb.ly/education/software-engineering-immersive/los-angeles) Jan 2021 – Apr 2021

**California State University – Los Angeles | B.A. Animation** 2016 - 2019

* Completed several [animated shorts](https://vimeo.com/335622092) featuring 2D character animation, lip-sync, and sound design.
* Standout Courses:  2D Animation with Adobe Animate and Adobe Photoshop, Storyboarding and Visual Design.

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**OTHER EXPERIENCE**

**Sales Associate** | Big 5 Sporting Goods | Alhambra, CA 2019

* Facilitated store profits by guiding customers to desired products, recommending sales, suggesting alternatives.
* Organized 200+ new arrivals of shoe boxes by size and type on a weekly basis.