**Ging Mau Louie**

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**FULLSTACK DEVELOPER**

Throughout my careers as an attorney, labor activist, human resources professional, and now software engineer, my guiding principles have been curiosity and feeling challenged. I genuinely love learning. It was what ultimately drew me to coding, a field that's ever-changing thus a never-ending challenge. From self-study to participating in hackathons to volunteering with nonprofits, my growth as a software engineer has been continuous and fast-paced, and I'm eager for more.

**TECHNICAL & INTERPERSONAL SKILLS**

**Languages:** JavaScript, Python, C, HTML, CSS

**Libraries and Frameworks:** ReactJS, Node.js, Express.js, Mongoose, Django, jQuery, Bootstrap, Flexbox

**Databases, Platforms and other:** PostgreSQL, Postman, MongoDB, Amazon Web Services, Heroku, Netlify

**Certifications:** Aviatrix Certified Engineer Multi-Cloud Networking Associate (#2022-17612); HackerRank Javascript (Basic) Skills Assessment Certificate (ID: 0AD673DE7EF6)

**Interpersonal skills:** Community Boards-trained mediator

**TECHNICAL PROJECTS**

***GA University* -** [**GitHub**](https://github.com/Gingaling/hackathon-spring-2022) **|** [**App**](https://hackathon-spring-2022-triple-t.herokuapp.com/syllabus) **– ReactJS, Flexbox, Bootstrap**

*This student portal was the result of my participation in a GA-sponsored west coast hackathon, with a theme of accessibility of education technology. Working on a team of six, including UX/UI designers and other software developers, the app we developed provides access to course syllabi, materials, and other resources with accessibility enhancements for students with disabling conditions.*

* Created toggle features that manipulate app display’s contrast, letter spacing and font size.
* Provided accessibility tools and resources related to expanding web accessibility.

***Kitchen Counter* – GitHub (**[**frontend**](https://github.com/Gingaling/eat-n-shop-frontend)**,** [**backend**](https://github.com/Gingaling/eat-n-shop-api)**) |** [**App**](https://tiny-pixie-453266.netlify.app/) **- Javascript, React.js, Mongoose, Node.js, Express, MongoDB, Heroku, Netlify, HTML5, CSS and Animate.css**

*This fullstack food inventory app tracks the user’s groceries, food consumption and generates a shopping list when grocery items fall below a user-determined minimum amount.*

* Developed a form submission tool that allowed users to record and edit groceries they have on hand.
* Created functionality such that a shopping list could be generated based on items whose amounts fell below user-designated minimums.

***Book Roulette* – GitHub (**[**frontend**](https://github.com/GeMMS-Project-2/book-roulette-frontend)**,** [**backend**](https://github.com/GeMMS-Project-2/book-roulette-backend)**) |** [**App**](https://book-roulette.netlify.app/) **- Javascript, React.js, Mongoose, Node.js, Express, MongoDB, Heroku, Netlify, HTML5, CSS and Animate.css**

*A book recommendation app that generates a random book recommendation to users based on genre preferences.*

* Developed a book repository that permitted user interaction, including adding a book and its details (image of book jacket, genre, author, whether the book had been adapted into a movie, etc.) to the dbase.
* Created a form function that allowed users various methods to access the book collection, including a randomizer to choose a book in the event the user was undecided.

**EXPERIENCE**

**San Francisco Department of Public Health** *San Francisco, CA*

**Senior Labor Relations Analyst** *07/2018 - 01/2020*

**San Francisco Human Services Agency** *San Francisco, CA*

**Senior Labor Relations Analyst** *08/2016 - 04/2018*

* Served as a senior HR professional responsible for labor relations and investigating workplace misconduct
* Oversaw investigations of workplace misconduct for Laguna Honda Hospital and 20+ community health clinics, responsible for writing reports fully documenting my investigations;
* Conducted labor relations. trainings of managers and supervisors; and
* Represented the department concerning union grievances and expedited arbitrations.

**Int’l Federation of Professional and Technical Engineers, IFPTE Local 21** *San Francisco, CA*

**Journey-level Union Representative/Organizer** *05/2008 - 07/2016*

* Represented single handedly more than 5,000 public employees
* Filed contract violation grievances on behalf of union members and engaged in contract negotiations with City department leaders

**EDUCATION**

**General Assembly** *San Francisco, CA*

Certificate of Completion, Software Engineering Immersive Program *April 2022*

**New York University School of Law** *New York, NY*

Juris Doctor, Law *June 1997*

**Stanford University** *Stanford, CA*

Master of Science, Engineering-Economic Systems *June 1991*

Bachelor of Science, Industrial Engineering *June 1991*