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, an ever-changing field thus a never-ending challenge. From self-study to participating in hackathons to nonprofit volunteering, 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](#) | [App](#) – **ReactJS, Flexbox, Bootstrap**
Created a student portal that provides course syllabi, materials and other resources with accessibility enhancements for students with disabling conditions for a hackathon with a theme of accessibility in education technology.
- Worked on a team of six (software developers and UX/UI designers) to design an app from start to finish.
- Created toggle features that manipulate app's display contrast, letter spacing and font size.

Kitchen Counter – **GitHub ([frontend](#), [backend](#))** | [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](#), [backend](#))** | [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 database.
- 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 Human Services Agency   *San Francisco, CA*
Senior Labor Relations Analyst   *08/2016 - 01/2020*
- 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

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

EDUCATION

General Assembly, Certificate of Completion, Software Engineering Immersive Program   *April 2022, Remote*
New York University School of Law, Juris Doctor, Law   *June 1997, New York, NY*
Stanford University, Master of Science, Engineering-Economic Systems   *June 1991, Stanford, CA*
Stanford University, Bachelor of Science, Industrial Engineering   *June 1991, Stanford, CA*