

Eric Gumba

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COURSE WORK

Precision Medicine Web App

Sept. 2018 - Present*Front-End Developer**San Francisco State University, CA*

- Built the UI for an article search system that retrieves relevant Pubmed articles based off of a search query of disease, genes and demographic.
- Wrote a back-end program that generates XML files based off of a user search query from the front-end.

Technologies: Python, Indri, React-Redux

Real Estate Website

August 2017 – December 2017*Front-End Developer**San Francisco State University, CA*

- Worked on a team school project building a sample website which allows users to buy, rent, and sell real estate.
- Performed QA testing and analysis.
- Worked as a front-end developer, and helped design the user interface for the application.

Technologies: HTML, CSS, Bootstrap, Javascript, Express, MySQL, Github.**PROJECTS - Portfolio site:** <https://okmanl.github.io/> - **Github:** <https://github.com/okmanl>**Emaily - Full Stack Web Application** - Allows users to login via Google OAuth, purchase credits and use the credits to send surveys to a list of email recipients.*Technologies:* HTML, CSS, Javascript, Express, MongoDB, React-Redux.**RecipeBook - Full Stack Web Application** - Allows the user to design his or her own database of recipes. The user can edit and then store images and recipes to an online cloud database. These recipes are then retrieved when a user logs in to their account.*Technologies:* HTML, CSS, Bootstrap, Javascript, Express, MongoDB, React-Redux.**Chess - Web App** - A two player chess game that one can play on the browser.*Technologies:* HTML, CSS, Javascript, JQuery.**Sudoku Solver - Web App** - Web application that allows the user to input a sudoku puzzle, which will then output the solution.*Technologies:* HTML, CSS, Javascript.**Blackjack - Web App** - Play Blackjack against an AI.*Technologies:* HTML, CSS, Javascript, React.js.**Lazarus - Java App** - A 2D Tetris-like game. Boxes will periodically spawn over the main character and fall. The player must build a staircase to reach the goal.*Technologies:* Java.**ARTICLES:** <https://medium.com/@ericgumba>**Redux and Test Driven Development** - A tutorial article that walks the reader through the basics of Redux and test driven development.**Presentational-Container Design Pattern** - An article that explains how to build apps using a popular React design pattern.

EDUCATION

San Francisco State University**2016-2018***BS, Computer Science 3.4/4.0 GPA**San Francisco, CA*

SKILLS

- **Programming:** JavaScript, Java, Redux, React, React-Redux, Jest, Express, Python, C, C++.
- **Technologies/Environment:** MongoDB, HTML, CSS, Git, Vim, VS Code.