Nomar Olivas

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EDUCATION

San Francisco State University   San Francisco, CA
B.S. in Computer Science GPA: 3.38   *Aug. 2018 – December 2022*

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS, SQL, C/C++, Swift
Frameworks: React, Node.js, Next.js, Express.js, Handlebars.js, Tailwind CSS, Flask, PHP, Apache, Linux
Developer Tools: Git, MySQL, SQLite, Google Cloud Platform, Google Firebase, Amazon Web Services
Libraries: P5.js, Handlebars.js, Tailwind CSS

PROJECTS AND EXPERIENCE

GatorJobs: Career Advisor | *Python, JavaScript, HTML, CSS, SQL, Flask*   January 2022 – May 2022
* Developed a full-stack web application using a LAMP Stack API
* Back end lead that collaborated, planned, and executed each page's back end for the web application
* Created a MySQL database in order to store student and company data
* Implemented and connected the back end to the front end for each student and company page

Post It | *Node.js, Handlebars.js, SQL, JavaScript, CSS, HTML*   October 2022 – December 2022
* Developed a web-application to post and comment on pictures that users share
* Secured user's account information and sessions
* Created and used a MySQL database in order to store user and image data
* Implemented a search feature that allows for posts and comments to be found

GarageBand | *Node.js, React, SQLite, TypeScript, CSS, HTML*   November 2022 – December 2022
* Developed a web-application for users to play multiple instruments with a visualizer to display each note
* Implemented a saxophone instrument using React with songs for the instrument to play
* Created a SQLite database in order to store instrument, visualizer, and song data
* Collaborated with a team to develop and suggest features for the application

Noma-StoreFront | *Node.js, Express.js, SQL, JavaScript, CSS, HTML*   December 2022 – Present
* Currently developing a storefront website for the store Noma
* Users can view, purchase, and bid on items that are for sale
* Implemented a message inquiry for any user suggestions or questions
* Created a MySQL database in order to store the shop's inventory and user data

Tank Wars Game | *Java, Java Swing*   October 2020 – December 2020
* Developed a game where two tanks face each other in a battle to survive
* Integrated keyboard keys in order for multiplayer tank battles
* Implemented a mini map and AI tank feature for solo play
* Created barriers and power ups for tanks to gain advantage

Library Management System | *Java, SQLite*   January 2022 – March 2022
* Developed a program in Java in order to perform CRUD functions for books
* Designed a search feature in order to search for books or accounts
* Implemented a login feature for students and librarians to enter their credentials before checking out a book
* Created a SQLite Database in order to store books, user, and librarian data

Spending Tracker App | *Swift, Core Data*   March 2022 – May 2022
* Developed an iOS mobile application to keep track of a user's spending
* Designed both front and back end of the application
* Implemented a database using core data in order to save data on the application
* Shared the application with users that were interested and gained over 10+ downloads on mobile devices