

Omar Saleem

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EDUCATION

USC

CS + BA

May 2025 | Los Angeles, CA

Viterbi School of Engineering

GPA: 3.31 / 4.0

LINKS

GitHub:// [omarxsaleem](#)

Portfolio:// [omarxsaleem.github.io](#)

LinkedIn:// [omar-saleem-71462a220](#)

SKILLS

PROGRAMMING

Proficient:

C++ • Java • R

Familiar:

React • Typescript • Javascript

HTML • CSS • Python

FRAMEWORKS

Version Control:

Git • GitHub

Methodologies:

Agile • Scrum • Waterfall

LIBRARIES

Chakra UI • Axios

React Router • Bootstrap

COURSEWORK

COMPLETED

Intro to Programming

Discrete Methods in Computer Science

Data Science and Statistics

Linear Algebra

Differential Equations

Data Structures

UPCOMING

Software Engineering

Object Oriented Design

Principles of Software Development

Introduction to Algorithms

Theory of Computation

PROJECTS

SKYBLUE AIRLINES | REACT + TYPESCRIPT

May 2023 - In Progress

- Designed a mock airline application that simulates a passenger reservation system
- Created a UI to authenticate users to log in and search for flights
- Integrated a Flight Schedule API in order to utilize live data
- Adhered to UI/UX design principles by following a triadic color scheme

GAME HUB | REACT + TYPESCRIPT

June 2023

- Created a web app using React.js that allows users to filter and search for the latest games
- App displays real time and up-to-date game statistics from the Rawg API
- Followed proper coding standards by creating a responsive and flexible design for various screen sizes
- Utilized Axios to create HTTP GET requests
- Incorporated light and dark mode for a better user experience

AMAZON RETAIL SERVICE | C++

February 2023

- Created an online retail system similar to that of Amazon
- Reads a database of products within 3 categories from different users
- Allows user to interactively search for products based on certain keywords
- Creates a cart based on the keywords allowing users to view the cart, purchase items in the cart, and save the update information of the products and users

WORDLE | C++

April 2023

- Developed a software using backtracking that helps users solve Wordle
- User inputs number of letters in the word, which letters have been guessed, and which letters are in the correct place and/or location
- Displays potential solutions to what the word may be using user input described above

WORK SCHEDULER | C++

April 2022

- Created a system that allows companies to schedule workers based on availability
- Schedule is created based on number of workers, number of days, and maximum shifts

EXPERIENCE

USC ATHLETICS | ATHLETICS VIDEO OPERATIONS

March 2023 - Present Los Angeles, California

- Collaborated with a team of over 20 individuals to film the USC football team's practices and games for review
- Used various cameras to film different angles for the coaches
- Utilized Catapult video editing software to enhance player game-play analysis