ZACH IZZARD

SOFTWARE ENGINEER

EXPERIENCE + PROJECTS

USC VITERBI SCHOOL OF ENGINEERING   2018 - 2021
Head Course Producer (CSCI 102)   Los Angeles, CA

Held weekly office hours to assist students with course material and homework, led lab sections to supplement lecture information, graded homework and exams, managed other instructors' schedules, and maintained the course website.

COMCAST   Summer 2019
Software Engineering Intern (dx Team)   Denver, CO

Worked for the Open Ingest team within the Data Experience Organization. Created a Docker container to host a Pentaho Data Integration instance which was used to run ETL operations on a remote Hadoop YARN Cluster through Spark Submit. During Lab Week, I built an API used to serve machine learning pipelines.

FANTASY FOOTBALL YEARBOOK   Fall 2021

Built a web application to view historical data surrounding my fantasy football league. A backend script accumulated the data through web scraping and the ESPN API, then stored that data in a database, and eventually aggregated various statistics about the historical results for each team.

SPOTIFY STATS   Summer 2021

Built a full stack web application integrated with the Spotify API to allow users to view their top songs and artists over various periods of time and share these statistics with friends.

ATTORNEY CLIENT PRIVILEGE DB   Fall 2020

In collaboration with the Los Angeles County District Attorney's Office, built an open source database containing contact information for all licensed attorneys to be used to filter messages and protect attorney client privilege.

EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA

Bachelor of Science in Computer Science   2017 - 2021
Minor in Communication Design   Los Angeles, CA
3.97 GPA with *summa cum laude* honors

CONTACT

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SKILLS + TOOLS

+ Adobe Creative Suite
+ Agile Development
+ Apache Hadoop
+ Cloud Services
+ Containerized Software
+ Database Management
+ ETL Programming
+ Full Stack Development
+ OOP Languages
+ Software Testing
+ Web Development

STUDENT INVOLVEMENT

+ AAAI @ USC
+ Corpus Callosum
+ Dean's List Recipient
+ Hack SC Jr.
+ Joint Education Project
+ *Volunteer of the Year,* One Simple Wish
+ USC New York Alumni Association Scholarship