Gregory Isales

Corona, CA   443-716-6202   isales.greg@gmail.com   [Portfolio](#)   [LinkedIn](#)   [GitHub](#)

SKILLS

Languages: Javascript, Python, SQL, HTML, CSS
Frameworks/Tools: React, Redux, Express, NodeJS, Flask, Sequelize, PostgreSQL, SQLAlchemy, Git, Mocha, SQLite3, Docker, Heroku, JSON, Postman, Bootstrap
Key Skills: Version Control, Object-Oriented Programming (OOP), Project Management

Software Engineering Applications

Festival Conxtn | *(React, Redux, NodeJS, Express, Sequelize, PostgreSQL, ReST API)*   **live** | **github**
A full-stack app that allows users to discover music festivals and connect with other attendees.

- Created a custom CSS grid-based landing page with transitions and DOM event listeners for a responsive and compelling layout with an infinite scroll feature.
- Designed and built message boards for each music festival, enabling users to post and reply to discussions by leveraging the modularity of React components.

OpenTable Clone | *(React, Redux, Flask, SQLAlchemy, WTForms, PostgreSQL)*   **live** | **github**
A full-stack app where users can make reservations and leave reviews for restaurants.

- Employed a Kanban board and Agile methodology to foster efficient asynchronous collaboration, ensuring well-coordinated teamwork, and successfully delivered the project within a tight two-week timeframe.
- Harnessed the unidirectional state management of Redux to simplify React components and directly manage data for form inputs and form submissions.

EXPERIENCE

Module Instructor | Nov 2023 - Present
Online Instructional Assistant | Nov 2022 - Nov 2023
App Academy | Nov 2022 - Present

- Conducted interactive lectures and review sessions for cohorts of 15-30 students, covering programming fundamentals, web frameworks and libraries, as well as Data Structures & Algorithms.
- Instructed students with diverse technical backgrounds, providing tailored support through both group sessions and 1-on-1 interactions, focusing on effective debugging and troubleshooting techniques.

Computer Science Expert for AI Training
Scale AI | June 2023 - Present

- Collaborated on multiple projects aimed at training Large Language Models (LLMs) by actively engaging in prompt design, response generation, and performance evaluation, with a focus on Python data science libraries such as Pandas, Matplotlib, and NumPy.

CRM Support Specialist / Project Manager
iSales Solutions, L.L.C. | Sept 2018 - Nov 2022

- Provided Customer Relationship Management (CRM) software recommendations and customized the configuration of that software to meet client needs, often utilizing webhooks and APIs to enable data-sharing and efficient automation between different applications in clients' technology stacks.

Licensing Coordinator
Cognella, Inc. | July 2019 - July 2022

- Managed content licensing for 100+ projects a year, with over 95% of projects at or under budget.
- Created and maintained custom Microsoft Excel macros used across multiple teams to facilitate efficient and accurate data transfer into and out of our CRM software.

Undergraduate Researcher
University of South Carolina | Feb 2013 - April 2015

- Analyzed large datasets from high-content screening assays using Microsoft Excel macros and SPSS.
- Published 1 peer-reviewed journal article as the lead author, and 3 articles as a co-author.

EDUCATION

App Academy - Immersive software development course with focus on full stack web development | Sept 2022
University of South Carolina Honors College - B.S. in Marine Science, Cum Laude | Columbia, SC | May 2015