Roberto Camberos

Full-Stack Software Engineer

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Work Experience

Project Lead Developer | Patterson Through the Years
Open Patterson • July 2022 - Present · 4 months
- Sourced, cleaned, and formatted U.S. Census Bureau data pertaining to Patterson, CA using the Census API
- Built visualizations with Python and Plotly and shared them with the community
- Open Patterson used results to decide how to serve the community best

Freelance Web Developer
September 2017 - Present · 5 years 2 months
- Built websites for local businesses using HTML, CSS, JavaScript, WordPress, and Bootstrap
- Increased revenue by at least 75%
- Used SEO (search engine optimization) best practices in the websites to improve visibility

Skills

Programming Languages: SQL,Python, Pandas,HTML, CSS, JavaScript, Java
Tools & Frameworks: AWS (Lambda, RDS, EC2), D3.js, Plotly, React.js, Node.js, Git, Jest, Enzyme, Redux, REST API

Projects

Analyzing Covid-19 Data Set *AWS, SQL, Pandas, Jupyter Notebook*
Used data mining to find risk factors, trends, and patterns for COVID-19 infection

Counting Email Messages Per Organization *SQLite, Python*
Given a text file containing information regarding emails received from certain companies, the program will read the data and count the number of email messages per organization using a database that keeps track of the counts

E-Commerce Application *JavaScript, Git, HTML, CSS, React, Node.js, PostgreSQL*
In this e-commerce application users can create a personal account with or without a third-party service like Google or Facebook, browse products, complete a purchase using the Stripe payment processor, and view their order history.

Reddit Clone Application *HTML, CSS, JavaScript, React, Redux, Jest, Enzyme, Git*
Users can search through the data using terms, can filter the data based on categories, and can leave comments on posts

Education

UC Berkeley *Graduated May 2022*
B.A. in Data Science *Berkeley, CA*

Undergraduate CourseWork

- Introduction to Machine Learning,
- Introduction to Database Systems
- Introduction to Artificial Intelligence
- Principles and Techniques of Data Science
- Designing Information Devices and Systems I
- Great Ideas of Computer Architecture (Machine Structures)
- Data Structures and Algorithms
- The Structure and Interpretation of Computer Programs
- Discrete Mathematics and Probability Theory
- Linear Algebra and Differential Equations
- Concepts of Probability
- Multivariable Calculus
- Foundations of Data Science