OLIVIA HO

Full Stack Software Engineer

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EXPERIENCE

HR Information Systems Analyst
Academy of Art University | San Francisco, CA | October 2016 – Present

- Support and optimize the design, development, and performance of HR system, Workday.
- Reduced office visit bottleneck by implementing employee self-service features to enable employees to get HR services remotely rather than in-person.
- Increased employee engagement with HR system from 26% to 90% within 6 months by managing development and delivery of training and technical documentation for processes.
- Reduced time spent manually passing data between systems and vendors by developing integrations using SOAP-based webservices, XML, and XSLT.

Production Support Analyst
Kurtosys | Reno, NV | January 2016 – May 2016

- Designed and produced investment reports for detail-oriented clients.
- Devised and optimized SQL queries to generate accrual financial figures.
- Reconciled data from several sources into models individually tailored to specific investment funds.
- Ensured reporting accuracy by troubleshooting data and design issues with propriety software.

Application Development Intern
Nevada Department of Transportation | Carson City, NV | May 2015 – August 2015

- Involved in developing enterprise applications with Visual Studio 2013 in C# and .Net Framework.
- Assisted with front-end development using HTML5, CSS3, and Bootstrap.
- Designed and implemented databases in Microsoft SQL and created functions, views, and stored procedures.
- Wrote scripts to import test data using LINQ to SQL.

PROJECTS

Groupmuse | June 2019
React Native, JavaScript, HTML

- Extended an existing React Native social application for connecting communities to classical music.
- Implemented and fixed unfinished or nonfunctional features such as infinite scroll, exception handling, and Detox testing.
- Resolved UI issues on both iOS and Android to maintain format consistency across both platforms.
- Implemented a native error handler with Raygun error reporting.

Buffalo | May 2019
Python, Flask, SQLAlchemy, Postrgres, Jinja, HTML, CSS

- Engineered a Python-based Twitter clone including features for posting messages, liking posts, following users, handling account details, and login/logout authentication.
- Created a RESTful API using Flask and SQLAlchemy and applied standard unit-testing practices to ensure renders, redirects, and database CRUD operations functioned correctly.
- Utilized Jinja to create HTML templates and Flask WTForm for server-side form validation.

Data Resource Management | January 2016 – April 2016
SQL, Data Warehouse Design

- Using a healthcare dataset, determined KPIs relevant to a hospital's goals and designed a data warehouse to facilitate analysis of those KPIs.
- Queried stored procedures to imitate ETL processes to populate SQL Server database.
- Created dashboards with Tableau to reflect performance metrics.

SKILLS

Programming Languages
JavaScript
HTML/CSS
SQL
Python
C#

Libraries & Frameworks
React
React-Native
Redux
Node.js
jQuery
Flask
Bootstrap
Express

EDUCATION

Full Stack Engineering
Rithm School
San Francisco, CA
July 2019

Bachelor of Science, Information Systems
University of Nevada, Reno
Reno, NV
May 2016