

Patrick Humphries

Data Analytics Consultant

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CitiBike Project on Heroku

<https://humphries-citibike.herokuapp.com/>

CitiBike Project on GitHub

<https://github.com/phumphri/CitiBike>

Resume on GitHub

https://github.com/phumphri/CitiBike/blob/master/Patrick_Humphries_Resume.pdf



Summary

Experienced in Business Intelligence (BI) and Extract-Transform-Load (ETL) technologies.

While implementing the technologies offered by Oracle Corporation, worked for such firms and Accenture and Oracle Corporation.

List of clients include major enterprises such as Amazon.com and Procter & Gamble.

Keeps current with technologies that transform data, such as Oracle Data Integrator (ODI), and technologies that model data, such as Oracle Business Intelligence (OBIEE). These skills have been certified by Oracle Corporation.

To maintain competence in new disruptive technologies, has enrolled in three programs at the University of Southern California, Viterbi School of Engineering:

- Graduate Certificate in Big Data Fundamentals
- Data Analytics Bootcamp
- Master of Science, Data Informatics

Technical Certifications

- [Oracle Database SQL Certified Expert](#)
- [Oracle Data Integrator 12c Certified Implementation Specialist](#)
- [Oracle Business Intelligence Foundation Suite 11g Certified Implementation Specialist](#)
- Sun Certified Java Programmer in Standard Edition 6
- USC Viterbi Data Analytics Boot Camp

Experience

Independent Consultant: April 2016 to March 2017

Company Confidential

Business benefit: **Analyze cash transactions.**

A Swing/XML application was converted to a WebLogic/XML/RDBMS application. ODI was used to convert legacy XML schemas to the new XML schemas. ODI was also used to load the new XML schemas to tables in an Oracle RDBMS. These tables are used in OBIEE for reporting and analysis.

Accenture: February 2012 through March 2016 as a Consultant.

Portland General Electric	<p>Business benefit: Analyze power outages.</p> <p>ODI packages were created that extracted data from Oracle Utility Analytics (OUA).</p> <p>The OBIEE repository was updated to display the new data.</p> <p>An Oracle view was developed that provided real-time data for the customer-facing outage system.</p>
County of Los Angeles	<p>Business benefit: Increase productivity and accuracy.</p> <p>The LEADER Replacement System (LRS) is a massive, four-year implementation.</p> <p>Seventeen legacy systems were replaced by a single system.</p> <p>Implemented a system that harvested metadata and reference data from text files exported from the legacy systems and loaded this data into a database.</p> <p>This was done using Microsoft Excel and Visual Basic for Applications (VBA).</p>
Amazon.com	<p>Business benefit: Enable analysis of gift cards in China.</p> <p>An existing Business Intelligence system for gift cards was enhanced by adding the Peoples' Republic of China.</p> <p>This required the analysis of existing systems and implementing optimized SQL code to extract, transform, and load data (ETL).</p> <p>Finally, the OBIEE repository was updated to process the new data.</p>

KCI Computing: August 2004 through February 2012 as a Consultant.

Procter & Gamble	<p>Business benefit: Increase accuracy of the Profit & Loss Statement.</p> <p>Extracted, transformed, and loaded (ETL) budgets, forecasts, and actuals for the profit and loss system (P&L)</p> <p>To achieve this ETL, multiple layers of Oracle views were created to implement business rules.</p>
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Oracle Corporation: December 1999 through June 2004 as Principal Consultant.

Implemented Oracle Financial Analyzer (OFA 11g) for multiple clients such as The GAP, Broadvision, Oracle Corporation, Mesa Airlines, and Franklin Templeton.

Education

- MBA Business Information Systems, California State University
- USC Graduate Student, Certificate in Big Data Fundamentals
- USC Graduate Student, Master of Science, Data Informatics