Junyan Mak

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Skills: SQL, Data Modeling and Reporting, Hyperion IR, Power BI, Oracle Business Intelligence Enterprise, Cognos, EPM, Toad Data Point, Azure, ETL, Supply Chain Management, Information Technology, Matlab, Python, HTML, CSS, JS,

Experience

Leidos – La Jolla, CA   June 2019 – Present

Business Intelligence Analyst

- Front and Back-end expertise of Oracle and Microsoft Stack

- Pinpoint end-to-end processes of business analytics, including data identification, preparation, exploration, and visualization for customers, Division leads, and everyone in between

- Pioneered dashboards and reports enhancing companywide growth, as well as detailed analyses to enhance business reporting as well as organizational metrics

Leidos – La Jolla, CA   June 2018 – June 2019

Business Intelligence Optimization Solutions Intern

- Using an agile approach, worked on a companywide project migration from Hyperion Interactive Reporting to Oracle Business Intelligence Enterprise

- Give presentations to executives to assist with a smooth transition to Oracle Business Intelligence Enterprise

- Skilled in the three layers of RPD development (Physical, Business, and Presentation). Creation of physical joins between Dimension and Fact tables as well as other schema

- Support users in Cognos Framework, EPM Workspace, Power BI, and BI Publisher

- Handle query conversions for high-level Project Managers and Project Financial Managers

Nadel Phelan – Scotts Valley, CA   March 2018 – January 2019
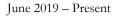
Business Development Intern

- Researched the technology industry giants, provide competitive analysis, identifying the sectors that are growing and highlighting market leaders

- Developed and executed strategic public relation plans aligning with client objectives for a list of companies within B2B industries

- Analyzed these emerging trends in America to create and compile consumer, technology coverage

- Deliver strategic and tactical services needed to capture the attention of market influencers for clients ranging from innovative startups, to large companies with a strong foothold in the industry

Education

University of California – Santa Cruz   September 2015 – April 2019

Bachelor of Technology Information Management

- Technology Information Management (Creation of a new product, managing IT systems, Virtual Basic for Applications)
- Introduction to Data Structures (Java, C)
- Computer Networking Using SQL
- Matlab

Projects

Kitchen Sink Dashboard – Power BI

- Modeling and utilizing an extremely large dataset using SQL in Power BI, I was able to create an enterprise wide level report utilized by CFO's, Division Manager, Operation Leads, and Project Controllers

- Shows and pulls multiple pieces of information about every Contract Record Number in the company, not limited to revenue, unbilled, funding, and spa data, set up on a daily refresh

- 5 pages filled to the brim of cross-filtering, drill thrus, and visualizations for provided metrics from tiger-teams

- Helped my Business Intelligence team with the standardization of Power BI reports while developing the Kitchen Sink

- Enhancing the Power BI experience, while keeping ease of use low, I was able to mesh visualizations from directly within the service, as well as create my own visualizations using HTML and JS

UK: Making Tax Digital – Toad Data Point

- The UK government mandates companies to have all VAT return processes automated by April 2021

- Previously, there was a UK team required to manually intervene and correct mishandled data in the rows, and join to multiple data sources to combine it all up into a single monthly return

- Working as the sole developer on the query, I was able to create an automated process in Toad Data Point where the team in the UK just has to link up the results to a Restful API to submit their monthly returns

- Running for the testing period with little to no problems at the moment

Simulation of a New Product - UCSC

- A simulation of creating a new product (Text.book: a cheaper tablet alternative for college students), from inception to production that spanned over 6 months during fall and winter quarter of my senior year

- Benchmarked our Supply Chain Management approach and implementation against giants in the industry

- Implemented the software framework such as demand forecasting and product safety inventories using Excel and Visual Basic for Applications

- Developed proper Supply Chain Management guidelines as well as a user's manual for our software module

- Presented in front of the head of Technology Information Management at UC Santa Cruz

Certifications

- **Microsoft Power BI**

- **IBM Data Science**

- **Python – In Progress**

- **Predictive Analytics – In Progress**