Christopher D. Kingsborough

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EXPERIENCE

PwC; New York, New York   July 2015-Present
Assurance Innovation and Technology Senior Data Engineer (July 2018 - Present)
- Build scalable data pipelines using Python, SQL and Airflow to allow teams to focus on high risk transactions and analyze entire client data sets across multiple industries
- Automating creation of data sources from user uploaded files to reduce onboarding time and accelerate creation of meaningful visualizations by business users in Zoomdata
- Architected process enhancements to create a more flexible data model which more than tripled user adoption and worked closely with business teams to ensure a successful launch
- Managed support activities between super users, developers and infrastructure teams to ensure issues were addressed promptly and critical deadlines were met during busiest time of year
- Refactored long running ETL process, decreasing runtime by over 80% while simultaneously implementing improved business logic
- Oversaw integration efforts between two disparate systems, making sure all key requirements were met and combined product was delivered in a timely manner
- Lead junior developers by directly managing day to day activities, scoping and prioritizing work, assisting with solution design and reviewing pull requests

Assurance Innovation and Technology Associate (July 2015 - June 2018)
- Developed ETL process for fraud testing which reduces manual effort by up to 90%, has been used by thousands of teams across the globe and processed over 200 terabytes of data
- Worked with a geographically distributed team across the United States and Europe, collaborating closely to make sure development deadlines were met and support issues were resolved in a timely manner
- Built plant, property and equipment analytics using Python, Pandas and T-SQL to recalculate depreciation expenses based on standard accounting rules and compare to system calculations to identify high risk transactions
- Created supporting Python packages and functionality to alleviate common pain points such as connecting to MemSQL, profiling and maintaining databases and executing standalone SQL scripts via Python

Boston Scientific; Marlborough, Massachusetts   May 2014-August 2014
Information Systems Intern
- Managed testing and support resources throughout system testing process to address and resolve issues prior to migration to production, ensuring system met design specs and testing was completed within necessary timeframe
- Created technical and security requirements as well as test scripts for new commissions system based on business needs and examination of current reporting system

IBM Global Process Services—Seterus; Beaverton, Oregon   July 2012-August 2012 | June 2013-August 2013
Operational Analyst Intern
- Assessed effectiveness of three contact information retrieval strategies and eight unique customer contact letters aimed at reaching no contact borrowers by working collaboratively with three person intern team
- Analyzed contact rates, payment rates and future loan behaviors by utilizing T-SQL, statistical tests, regression analysis, pivot tables and Excel graphs
- Detailed most cost effective and efficient strategies for contacting unresponsive borrowers in comprehensive presentation to senior management, providing the first step towards establishing a risk score for loan population
- Investigated service issues within bankruptcy team and constructed dynamic reporting to identify peak call times

EDUCATION

Boston University Questrom School of Business Honors Program; Boston, MA   May 2015
Bachelor of Science in Business Administration *magna cum laude*
Dual Concentration: Finance and Management Information Systems; Minor in Economics
Cumulative GPA: 3.67/4.00

Honors/Activities
Sigma Alpha Epsilon, Alpha Kappa Psi, Beta Gamma Sigma, Dean's List Fall 2012—Spring 2015

SKILLS

- Python, JavaScript (Node.js), SQL (MemSQL, MySQL, T-SQL), Data Analysis (Pandas, NumPy), Docker, Airflow, Data Visualization (Zoomdata, Tableau), Git (GitHub), Agile Development, RESTful APIs, Jenkins