

Python Developer Python Developer Python Developer New York, NY Self-motivated data analyst with 2 years data analytics experience in a fast-paced deadline driven environment. Advanced user with strong technical background in database design and management, data visualization, business analytic, database access, reporting, and regression analysis. Skilled in SQL, Python, Tableau, Microsoft Access, Excel, R, and Power Point. Highly focused multitasker with strong attention to detail, multitask, problem solving and communication skills. Authorized to work in the US for any employer

Work Experience

Python Developer New York, NY September 2018 to Present Establish and designed an automatic billing system to supply healthcare industry billing process for more than 200 companies, increasing more than \$6M payment until now Created python applications using Python scripting for data processing, data analytics, data wrangling, Excel data extracts and MongoDB for database, Tableau for data visualization Utilized Tableau to analyze blended data and to create interactive and animated graphs to analyze performance metrics and create dashboards, identifying trends and forecasts of market share in 2018& 2019 Wrote and executed various MYSQL database queries from python using Python-MYSQL connector Used Python Library Beautiful Soup 4 for Web Scraping to extract data for text, chart and coordinate Created Python scripts to automate daily tasks and parse JSON documents and load the data in MongoDB

Utilized SOAP and XML to send data (health care claim, eligible checking) and request response file, interpreting and performing billing and Medicaid Eligibility Verification daily report to more than 100 clients Utilized Google Analytic and Facebook Analytics to analyze channel sources and target potential customer

SAS Enterprise Miner August 2017 to November 2017 Adult Census Income Analysis Aug. 2017 - Nov. 2017 Performed BI models to analysis over 30,000 individual records and to predict income impact factors, including clustering algorithms, generalized linear models, logistic regression, and neural networks in SAS Enterprise Miner Created Tableau Dashboard and user stories to deliver actionable insights for more than 100 audiences

SQL Server Database Development January 2017 to April 2017 Led a 5-member team to design and program a MS Access database to assist in implementing and tracking information related to inventory management production planning and scheduling. Developed 'interactive reports dashboards'

leveraging SQL Server and wrote SQL queries to perform Business operations and used views, joins, subqueries to make desired data retrievals in an efficient way. Data Analyst Investor Protection Research Center - Beijing, CN September 2014 to May 2016 Organized and collected over 2500 companies' financial data from multiple industry sources by utilizing Python Collaborated and led 20 financial data analysis professionals to identify, analyze and interpret investment trends Trained colleagues in advanced topics for Microsoft Excel and SQL including pivot tables, VBA macros, VLOOKUP Developed process documentation and aggregated feedback to optimize statistical efficiency and quality Created Ad-hoc data reports by utilizing Pandas library for statistics Analysis and Numpy for Numerical analysis Assessed and rated 40 industries investment potential to compile investment guide, maintain and update reports, and make numerous recommendations to invest, increasing over \$2 million growth return of investment Utilized SQL and Tableau to establish, maintain and develop interactive visualizations as business and information needs, interpreting and performing presentations to stakeholders for providing executive actionable insights Business Technology Consultant Intern Investor Protection Research Center - Beijing, CN December 2014 to February 2015 Gathered, validated, and prioritized functional and non-functional requirements in the form of User Stories Investigated more than 2,000,000 records from database to conduct market research and competitor analysis Built Ad-hoc data reports for senior leadership and key decision-makers increasing task efficiency by 50% Collected more than 500,000 records from internal and external resources leveraging Python (Web scraping) Established relationships with clients to ensure operational excellence by designing creative solutions to meet client needs, analyzing and visualizing main features of target clients based on historical data leveraging SQL ACADEMIC PROJECT Data Visualization Competition (Top 7%) Nov. 2017 - Nov. 2017 Filtered and cleaned 197,615 mortality and 10,660 population records to improve data quality and availability Identified the pattern between death rates and Google Trends search terms, using logistic regression model in R Utilized Tableau to analyze blended data and to create interactive and animated graphs to analyze performance metrics and create dashboards, identifying trends and forecasts of death rate in 2016&2017 Education M.S. in

Information Technology and Management The University of Texas at Dallas - Richardson, TX May
2018 M.S. in Accounting Beijing Technology and Business University - Beijing, CN June 2016 B.S.
in Microelectronics North China University of Technology - Beijing, CN June 2014 Skills SQL (4
years), PYTHON (3 years), EXCEL (7 years), MICROSOFT SHAREPOINT (Less than 1 year),
MICROSOFT SSRS (Less than 1 year), MS Access (3 years), MySQL (3 years), Tableau (3 years)
Links <http://linkedin.com/in/xuekun-li> Additional Information TECHNICAL SKILLS SQL SAS My SQL
R Python SSRS Tableau Access SAP Excel PowerPoint Visio SharePoint SSIS Google Analytics

Name: Joseph Mack

Email: hansonjimmy@example.org

Phone: (980)642-1560x83239