Xiao Feng

Data Scientist

Seattle, WA - Email me on Indeed: <u>indeed.com/r/Xiao-Feng/089042af6b06753a</u>

Willing to relocate to: Seattle, WA

WORK EXPERIENCE

Data Scientist

CAREER SPECIFICS   -   Harrisburg, PA - 2015 to Present

• Statistic Analytic
§• Predictive Analytic §• Designed, developed and owned an analytic model to identify and risk stratify
§• Machine Learning cohort for 1,000,000 lives suffering from chronic disease, contributing to an
§• Data analysis improved population management programs as well as overall patient population
§• Reporting skills health
§• Data collecting techniques §• Designed, developed and owned algorithms for categorize healthcare expenditures
§• Data validation to identify primary drivers of healthcare service cost; streamline type of service
§• Statistical Modeling category by 75% to make it easier to understand and act on; summarized inpatient
§• Forecasting utilization/cost and readmission automatic reporting for identifying cost saving
§• Data mining opportunities and preventing readmission from happening
§• Project management §• Performed exploratory data analysis for opioid dependence population, generated
§• Implementing plans and test hypotheses and uncovered trends and relationships of significant factors
§• Proficient communicator §• Designed and developed a prototype of disease management engagement model
§• Forward planning to predict the most likely engaging population to improve patient engagement rate
§• Client development §• Supported ad-hoc analysis, provided value-based insight by conducting analytic
§• Market intelligence research; contribute to the value of product
§• Customer Focus §• Conducted analysis of monthly medical expense budget, assessing multiple ACA contract performances, resulting in over $3M in savings for the company.
§• Lead and trained interns for analytical and technical skills and tasks
§• Optimized ETL procedures, developed and implemented automated ETL with SQL

EDUCATION

mining

Lehigh University   -   Bethlehem, PA
2013 to 2015

SKILLS

architecture (Less than 1 year), articulate (Less than 1 year), data architecture (Less than 1 year), Database (2 years), healthcare (2 years)

ADDITIONAL INFORMATION

Skills and Talend, reducing processing time by 60%

§• Maintained monthly data refresh system efficiency, mapping out workflow diagrams
§• Programming Language: R, for data architecture sufficiently understand data structure; updated data model Python, Java documentation in preparation for database structure upgrade project.

Personal Skills §• Researched and studied an existing community care management program, finding bottleneck through analyzing on member healthcare data and survey data;
§• Entrepreneurial spirit benchmarked traditional healthcare models and peer programs, improving existing
§• Persuasive & articulate models, increasing enrollment goals by 50%.
§• Relationship development
§• Influencing skills EDUCATION

M.Eng. Healthcare Systems Engineering 2015
LEHIGH UNIVERSITY Bethlehem, Pennsylvania

Bachelor of Science in Engineering 2013
SW JIAOTONG UNIVERSITY Sichuan, China