

Murray Keogh

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Education

Cornell University, College of Engineering. Ithaca, NY
Bachelor of Science in Operations Research Engineering 2014
Lean Six Sigma Black Belt Certificate, University of California – San Diego Extension

Work Experience

Senior Analyst, *UCSD Health System*, February 2016 to Present

- Act as internal consultant to senior management, directors and managers providing data analytics and interpretation supporting fact based decisions improving revenue, controlling costs, and improving patient care
- Responsibilities include creating and managing dashboards and operational reports in Tableau and Excel, administering internal data systems, and performing a wide variety of ad-hoc analysis supporting multiple projects across the health enterprise

Data Scientist, *Verizon Wireless*, Orangeburg, NY, August 2014 to December 2015

- Develop analytical solutions used to identify revenue generating opportunities in partnership with marketing and finance business units.
- Create predictive models that are used to make predictions in areas such as churn management, fraud, and add on services.
- Created segmented customer profiles of churned accounts leading to increased customer intelligence and more effective and targeted marketing retention campaigns.
- Selected to manage and mentor summer interns, culminating in a final project presented to CIO and various VPs in the information technology organization.

Data Management, *KAUST-CU*, Cornell University, January 2013 to September 2013

Business Intelligence Analyst, Cornell Information & Technology, May 2013 to August 2013

Projects

Capacity Optimization, *Reducing Length of Stay in BMT Population*, Current
Simulations Modeling, *Optimizing Resource Management for Bike Share Systems*, 2013
OR Tools for Healthcare Systems, *Response Plan for Disease Outbreak in New Jersey*, 2014

Computer Skills

Information Management – Python, SAS, SQL, Data Warehouse Technologies, SAP BO
Statistics - R, IBM SPSS
Information Delivery - MS Excel, Tableau, Qlik
Healthcare – EPIC EMR, ANSOS Staffing Tool, EPSI Financial Data System,