timothy **martin**

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PROFILE

Business Intelligence Manager with 12+ years of professional experience in advanced data analytics, scientific research, and program implementation. Expert in synthesizing information into concise formats, and producing interactive data visualizations. Extensive experience using BI tools and statistical analysis packages. Skilled at developing front-end applications for evaluation of disparate data sources, including optimization in GIS and web mapping applications.

EXPERIENCE

BUSINESS INTELLIGENCE MANAGER, NYC 311
New York, NY   **2014–Present**
Direct BI staff activities. Develop and implement BI reports, KPIs, dashboards, and data models for NYC 311. Perform data linkage, statistical analysis, and predictive modeling of 311 data, demographics, and performance indicators. Create interactive data visualization and mapping applications. Implement agency-wide surveys and develop scripts for survey analysis. Support ETL and API processes. Present high-level metrics and analysis to senior staff on a monthly basis.

WSI PROGRAM MANAGER, NYC DEP
New York, NY   **2009–2014**
Facilitated design and evaluation of a $12 million early warning system for water quality. Implemented large-scale, scientific data analytics applications. Developed KPIs to evaluate and visualize operations, performance, and sustainability metrics. Gathered requirements and use cases for IT improvements. Managed grant-related activities to ensure compliance with scope, schedule, and budget. Published research and presented findings to industry leaders.

RESEARCH SCIENTIST, NYC DEP
New York, NY   **2005–2009**
Performed analysis of environmental and public health data to support evidence-based decision-making. Developed and managed a pharmaceutical contaminant monitoring plan for NYC source water. Published research and analysis of findings. Served as an expert on federal regulations and emerging water management issues.

BUSINESS OPERATIONS ANALYST, L'OCCITANE
New York, NY   **2003–2004**

ENVIRONMENTAL SCIENTIST, SOTA ENVIRONMENTAL TECHNOLOGY
San Diego, CA   **2001–2003**

AGROFORESTRY VOLUNTEER, US PEACE CORPS
Malawi, Africa   **1999–2001**

TECHNICAL SKILLS

OBIEE	SQL	VBA	D3.js
R	Tableau	QGIS	CartoDB
SPSS	Webtrends	ArcGIS	Mapbox
Python	Access	WISKI	HTML5

EDUCATION

MPA, ENVIRONMENTAL SCIENCE & POLICY
Columbia University, New York, NY   **2005**

BA, ENVIRONMENTAL SCIENCE
Willamette University, Salem, OR   **1998**

INTERESTS

Surfing, soccer, running, bass guitar, and piano.