

# CHRISTOPHER SHAININ

## DATA SCIENCE | NON-PROFIT LEADER

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### PROFILE

Utilize skills in data science, including with Python, SQL, Salesforce, and Tableau, to improve business performance. Leadership positions in the field of non-profit management for 22 years, including as Certified Fund-Raising Executive. Led strategic planning using PEST, GAP analyses, scenario planning, with management focus on problem solving, performance measures, and marketing effectiveness.

### TECHNICAL SKILLS

**Machine Learning** • classification, regression, clustering, feature engineering

**Statistical Methods** • regression models, hypothesis testing and confidence intervals, principal component analysis

**Programming / Software** • Python(scikit-learn, numpy, pandas, scipy, matplotlib, seaborn), Jupyter, Spark, SQL, Excel, Salesforce, Tableau, Quickbooks, Creative Suite

### QUALIFICATIONS

#### DATA SCIENCE 4/18 – current

**Projects** • Physician / patient interactive system, analyses of longitudinal Complementary and Alternative Medicine (CAM) Parkinson's study

**Models** • KNN, logistic regression and GLMs, SVM, CNN, and Naive Bayes

**Presentations** • Presented data analysis to board, staff, and external stakeholders

**Decision-making** • Led decision-making informed by analyses

**Implementation** • Implemented databases, data management

#### MUSEUM OF NORTHWEST ART

*Executive Director*  
4/13 – 4/18

**Strategic Planning** • Led strategic planning process including environmental scans, new vision, mission, and KPIs

**Marketing** • Oversaw campaigns, marketing collateral, mobile responsive website, launched magazine, digital catalogue

**Finance** • Managed budgets, retired liabilities, improved internal controls, financial reporting, reduced variances

**Human Resources** • Engaged, managed, evaluated, supported staff, interns and volunteers

**Information Technology** • Updated and managed systems to increase functionality, improve security, decrease expenses

**Fundraising** • Stewarded major donors, led annual campaigns, planned giving, and capital project funding, grants, and events

**SYNEXE**  
*Organizational  
Architect*  
11/12 – 3/13

**Planning** • Development of business plan for start-up consulting firm, met with potential clients, developed collateral

**KIRKLAND ARTS  
CENTER**  
*Executive Director*  
1/08 – 10/12

**Strategic Planning** • Led strategic planning process

**Fundraising** • Led major donor program, launched auction

**Marketing** • Led campaigns, created website and collateral

**Finance** • Managed budgets, attained surpluses, retired liabilities

**Curation** • Launched Emerging Curator Initiative

#### BAINBRIDGE PERFORMING ARTS

*Managing Director*  
1/06 – 7/07

**Planning** • Led anniversary seasons for performing arts center, theatre education program, and orchestra, also led music director search

### EDUCATION

**Data Science Immersive**  
General Assembly

**Doctor of Musical Arts  
in Composition**  
University of Washington

**Master of Music**  
University of Washington

**Bachelor of Music, Cum Laude**  
Cornish College of the Arts

**Bachelor of Arts in Politics  
Bachelor of Arts in Theatre**  
Whitman College

### LEADERSHIP

#### Programs

**Leadership Tomorrow**  
Seattle • 2018 – 2019

**Executive Program for Non-Profit Leaders**  
Stanford University

**Leadership Skagit**  
Economic Development Alliance  
Skagit County

**Fellow in Arts Management**  
Kennedy Center Performing Arts

**Certificate Degree in Arts Management**  
University of Washington

#### Boards

*President, Washington State Arts Alliance/  
Foundation (WSAA/F)*

*President, Sand Point Arts and Cultural  
Exchange (SPACE)*

#### Advisory Board

Creative Exchange at Washington Filmworks

#### Committees

Kennedy Center Arts in Crisis Mentor

Puget Sound Regional Council Cultural  
Taskforce

Professional Development for Artists  
Committee, University of Washington

Phinney Neighborhood Association Arts  
Committee

Skagit Symphony Music Director Search  
Committee

#### Conference

Leading statewide arts conference • Oct. 2018

#### Panels

4Culture and Rasmuson Foundation panels

#### Membership

American Statistical Association