# Sepehr Sadighpour

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San Francisco, CA

## EXPERIENCE

**Omada Health,** San Francisco — *Data Scientist*

APRIL 2016 - PRESENT

Build ETLs with Airflow/Luigi/Docker to extract features from images, text, and time-series data

Manage Data Science team's research projects, from chatbots to reinforcement learning

Create statistical models to predict and explain user behavior

Analyze user behavior data to generate hypotheses about habit formation and design, deploy, and analyze A/B tests

**BayThrive,** San Francisco — *Owner, Analyst, Project Manager*

January 2010 - October 2015

Built heuristic for identifying crowd-effects for financial research firm by generating and analyzing stochastic data in MATLAB.

Increased web traffic 20x and quadrupled conversion rates for biotech sales and services firm by combining UX with analytics

**Mepkin Abbey,** Moncks Corner, SC — *Technical Advisor*

June 2008 - June 2009

Helped the Trappist monastery kick-start a culinary mushroom business by directing online marketing efforts and ecommerce.

## EDUCATION

**Galvanize University,** San Francisco, CA — *Data Science Fellow*

October 2015 - January 2016

Built a webapp for discovering similar scientific articles using distributed representation of paragraphs

**Duke University,** Durham, NC — *B.S. in Physics*

September 2003 - June 2008

Modeled quantum systems using neural networks with genetic algorithms for hyperparameter optimization.

## SKILLS

Unix Command line, Python, R, SQL

Data visualization + dashboarding

Microservice design and deployment on EC2 using Flask and Docker

API design and 3rd-party integrations

NLP: information retrieval, topic extraction, LDA, distributed representation