

yossofeshaq

data scientist

contact

Fremont, CA
+1 (503) 502 5276
yossofeshaq@gmail.com
GitHub://yeshaq/InsightDemo
linkedin://yeshaq

languages

english mother tongue
farsi & french fluency

programming

♥ Python
R, C++, mySQL, ROOT,
LaTeX

skills

complex data analysis,
data modeling,
regular expression, scripting,
linux

education

2008–2014
Ph.D, M.A. of Physics
University of Rochester

2003–2007
Bachelor of Physics
The University of California,
San Diego

experience

Sept. 2015 - Insight Data Science

Los Angeles, CA

Fellow

Data science fellow in a competitive incubator program.

- Developed self-regulate.io, a web app to provide consumers informed purchase power
- Performed an NLP analysis to measure a sentiment quotient in news articles
- Implemented a mySQL database to automatically store API results
- Built an interactive webapp using BootStrap, Flask, Javascript, jQuery

2015

KEE Consulting

Los Angeles, CA

Data Scientist

Co-founder of a small consulting firm providing business solutions through data analysis.

- Serve as lead contact to a +20M/year national surety company
- Assessed data infrastructure and developed opportunities for client
- Developed a random forest model ranking inseree risk variables
- Built a linear regression model optimizing agent performance

2009–2014

CERN

Geneva, Switzerland

Graduate Research in Particle Physics

In the 4+ years at CERN, I conducted experimental searches for new physics, performed measurements for the collaboration, and participated in the operation of the Compact Muon Solenoid detector.

- Search for Supersymmetry
 - used complex data analysis to isolate extremely rare signal in Terabytes of data
 - * developed linear models and multivariate analyses
 - * constructed likelihood models
 - * hypothesis testing: CLs, Profile-Likelihood
 - integral part of fast-paced analysis group
 - contributed to the discovery of the Higgs Boson 🦄
- Detector Operation
 - frequently coordinated a group of ~15 physicist and engineers
 - represented sub-detector group in daily meetings
 - organized, chaired and presented in weekly meetings

2008

Alameda Applied Sciences Corp

Alameda, California

Summer Research

Applied research in plasma pulse-power technology

- Worked with project leader to optimize neutron output
- Was offered full-time extension