

Dhruv Patel
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Summary

A data scientist seeking opportunity with emphasis on machine learning and natural language processing.
Authorized to work in the US for any employer.

Work Experience

Scan Health Plan - Data Scientist Intern (Marketing)
October 2017 - Present

- Researched text mining/machine learning algorithms
- Designed ,programmed, and tested suitable algorithms using R/Python.
- Queried data from the database, aggregate data, and run server queries using Microsoft SQL.
- Processed unstructured data to structured data using R/Python.
- Visualized/Analyzed using Tableau.
- Formulate presentations to convey ideas for technical and non-technical audience.

Computer Technology Research Laboratory (UCLA) - Data Intern
October 2016 - March 2017

- Wrangled data using R/python.
- Used MS SQL to access the data from the database.
- Processed unstructured data to structured data.

Berkeley Chess School - Instructor
November 2015 - September 2016

- Delivered simplified chess lessons to children (7-10 yr old).
- Communicated clearly and concisely to understand logic.

Education

University of California Los Angeles, California
Bachelors of Science : Statistics (Anticipated Graduation Date: June 2018)

Technical Skills

Software and Programming Languages

*Tableau(1 year), R(2 years), Python(2 Years), SQL(2 years), MySQL,
Apache Spark(6 months), Tensor Flow(6 months), C++(1 year), Linux.*

Machine Learning Algorithms/Statistical Methods

*Random forest, Regression models, K Nearest Neighbors, K-mean clustering, NLP, Artificial neural
nets, hypothesis testing.*

Selected Coursework

*Linear Algebra, Probability Theory, Mathematical Statistics, Data analysis and Regression, Data
Structures and Algorithms, Computational Statistics in R, Optimization in Statistics(Machine Learning),
Statistical Consulting.*