

Poonam Varkhedi

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EDUCATION



UC SAN DIEGO
B.S. DATA SCIENCE
MINOR IN ECONOMICS
-MANAGEMENT SCIENCE
Graduation: June 2020

COURSEWORK

Data Visualization
Machine Learning and Theory
Computer Vision
Data Mining
Relational Database Architecture
Scalable Analytics and Parallel Processing
Predictive Data Modeling
Natural Language Processing
Data Cleaning

Advanced Data Structures
Object Oriented Design & Programming
Search and Reasoning AI Programming

Statistics and Regression Analysis
Hypothesis Training

TECHNICAL SKILLS

LANGUAGES: Python, Python/Pandas, Java, C, C++, JavaScript

OTHER: SQL, Apache Spark, GCP, AWS, Hadoop, Jupyter Notebook, Postgres, UNIX OS, Sklearn, Excel, NumPy, HTML, Dask

PROFESSIONAL DEVELOPMENT



DATA ENGINEERING WITH GOOGLE CLOUD

COURSERA PROFESIONAL CERTIFICATE

From: *GOOGLE CLOUD TRAINING (4months)*

Skills: GCP, Cloud Computing, Data Pipelining



AWS CERTIFIED SOLUTIONS ARCHITECT ASSOCIATE TRAINING
UDEMY ONLINE COURSE

Skills: EC2, Load Balancing, S3, Kinesis, Lambda, EMR, Redshift, Aurora, EBS, EFS



HANDS-ON HADOOP- BIG DATA
UDEMY ONLINE COURSE

Skills: MapReduce, HDFS, Spark, Flink, Hive, HBase, MongoDB, Cassandra, Kafka

WORK EXPERIENCE



GOSITE | DATA ENGINEER (REVOPS)

February 2020 - Current | San Diego, CA

- Designed and built ETL pipelines on GCP using Apache Airflow, Cloud Composer, BigQuery, and Cloud Storage
- Automated batch and streaming ETL pipelines using Cloud Functions
- Designed an RDBMS schema and deployed it on GCP BigQuery
- Built a web-scraper and feature engineered data to gather actionable leads for sales team, enabling them to reach a higher closing rate
- Worked with cross-functional groups to measure the quality of leads produced by the scraper and improved it using clustering and customer segmentation analysis
- Designed dashboards on BI tool Mode for use by Sales Ops Team



SD SUPERCOMPUTER CENTER | DATA ANALYTICS INTERN

November 2019- February 2020 | La Jolla, CA

- Parsed through daily Apache access log data and Google Analytics data to extract potential clients and to evaluate current client use of our services
- Performed competitive market analysis
- Fixed bugs in the website using HTML and PHP



UCSD CSE DEPARTMENT | UNDERGRADUATE TUTOR for Professor Gary Gillespie

July 2017- Dec 2017 | La Jolla, CA

- CSE 12 Basic Data Structures in Java, C, C++ & CSE 15L Software Tools and Techniques Lab
- Helped students to understand core concepts such as object-oriented programming, different languages, data structures, and Unix lab
- Taught students effective debugging strategies using gdb
- Held office hours and graded assignments and exams

SELECTED PROJECTS

DSC CAPSTONE PROJECT | PYTHON

Created a data pipeline that collected and analyzed data to uncover racial bias in the Oscar Film Awards

Predictor System | PYTHON

Used statistics and regression to predict Goodreads' profiles

Website Dashboard | HTML & JavaScript

Created an interactive dashboard display of data visualizations

LEADERSHIP ROLES

CHS DECA | PRESIDENT

JUN 2014 - JUN 2016 | Cupertino, CA

CHS GYMNASTICS | VARSITY CAPTAIN

MAR 2014 - May 2016 | Cupertino, CA

CHS SENIOR COUNCIL | SECRETARY

AUG 2015 - May 2016 | Cupertino, CA

CHS INDIAN DANCE CLUB | DANCE CAPTAIN

AUG 2015 - May 2016 | Cupertino, CA