Parth Rao

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+1 201-989-4134 | 145 Hopkins Ave, Jesey City, NJ

EDUCATION

NEW YORK UNIVERSITY, COURANT

M.S IN Information Systems
Aug 2016 - May 2018
Cum. GPA: **3.81 / 4**

DAIICT

B.T ECH IN Information and Communication Technology
Aug 2008 - May 2012
Cum. GPA: 7.98 / 10

LINKS

Website:// **parthrao.github.io**
Github:// **parthrao**
LinkedIn:// **parth-raosoc**

SKILLS

PROGRAMMING
Over 5000 lines:
Java • Javascript • HTML • ActionScript • Python
Over 1000 lines:
C • C++
Familiar:
R • SQL • C# • Scala

FRAMEWORKS
Node • React • Angular • Spring • GraphQL • Django

WEB SERVICES
Amazon Web Services • Heroku • Microsoft Azure • IBM Bluemix

BIG DATA TOOLS
Hadoop • Spark • Pig • Hive • Hbase

DATABASES
MongoDB • Elastic Search • MySQL • OracleDB

COURSEWORK

GRADUATE
Web & Mobile App Development
Data-science & Analytics
Deep Learning
Machine Learning
Big Data Programming

INDEPENDENT
Object Oriented Design Patterns
Project Management
Game Developement

EXPERIENCE

NYU | LEAD FULL STACK DEVELOPER & RESEARCHER
Sep 2016 - current | New York City, USA

- Leading team of 5 people to develop interactive e-learning website using ReactJS and Relay.
- Developed the backend using NodeJS, Java, GraphQL and AWS web services.
- Mentored other developers, code reviews, agile(scrum) development etc .

LYEARN | LEAD FULL STACK DEVELOPER
Feb 2015 – July 2016 | Gandhinagar, India

- Designed and developed REST APIs for a learning management system (LMS) using NodeJS, Scala, Elasticsearch, AWS.
- Built company's website using ReactJS .
- EC2 setup, automatic deployment, maintenance, code review etc.

PLAYPOWER LABS | SOFTWARE ENGINEER
May 2012 – Feb 2015 | Gandhinagar, India
Created more than 10 educational games on different platforms using unity, HTML5 and Flash which has been played by over 2 million people. Visit my website for more details.

ORACLE | TESTING AUTOMATION INTERN
Jan 2012 – June 2012 | Bangalore, India
Automated the testing of Oracle retail's RMS and purchase modules using VB script, Oracle DB, and MS-Excel.

NEW YORK UNIVERSITY | RECITATION LEADER
May 2017 – Aug 2017 | New York City, USA
Taught Fundamental Algorithms to class of 23 graduate students at NYU courant.

PROJECTS

AIRBNB PROPERTY PRICE ESTIMATION | DATA SCIENTIST
May 2017 – June 2017 | Technologies: Python, Spark
Compared different linear regression models' performance for predicting rents of AirBNB properties. Used different regression models such as OLS, lasso, ridge, elastic net, orthogonal mp, adaboost with decision trees as base estimators and random forest fore rent prediction task.

YELP DATA ANALYTICS | DATA SCIENTIST
Jan 2017 – May 2017 | Technologies: Spark, Python, Pig
Used Yelp dataset to explore business trends, customer behavior and satisfaction in Restaurant Industry using machine learning techniques like sentiment analysis and Decision tree classification. Model achieved 78% accuracy.

ZAZA REWARD | FREELANCER
May 2017 – June 2016 | Node – MongoDB –RabbitMQ
Developed entire backend for a loyalty reward system, which can be used by big malls to manage their reward offers and customer 's data.

AWARDS AND ACCOMPLISHMENTS

NYU Summer 2017 innovation Fellowship winner.
Developer of multiple Apps downloaded by over 2 million people.
Gujarat State Board Topper in 12th science.