

Parth Rao

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

EDUCATION

NEW YORK UNIVERSITY, COURANT

M.S IN Information Systems

Aug 2016 - May 2018

Cum. GPA: 3.81 / 4

DAIICT

B.TECH IN Information and Communication Technology

Aug 2008 - May 2012

Cum. GPA: 7.98 / 10

LINKS

Website:// parthrao.github.io

Github:// [parthrao](https://github.com/parthrao)

LinkedIn:// [parth-raosoc](https://www.linkedin.com/company/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 Development

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, GraphQL and AWS web services.
- Mentored other developers, code review, agile 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, 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 | ADJUNCT FACULTY

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 for 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.