

# Parth Rao

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## 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](https://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

Design & Analysis of Algorithms

Machine Learning

Big Data Programming

### INDEPENDENT

Object Oriented Design Patterns

Product Management

Game Development

## EXPERIENCE

### NYU | LEAD FULL STACK DEVELOPER & PRODUCT MANAGER

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.
- Trained and mentored other developers to contribute to this project.

### 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 and Relay.
- 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 HTML5, Flash and unity, which has been played by over 2 million people.
- Some of the notable games are Math Panet App, Smartphone-enabled Child Anxiety Treatment App. Visit my website for games related info.

### 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

### CROWD POLITICS | ENTREPRENEUR & DEVELOPER

May 2017 – June 2017 |

A web product to bring more awareness in people about political issues and to help identify fake news. Technology: WordPress

### RESTAURANT 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.

### ONLINE MULTIPLAYER GAME ANALYTICS | DATA SCIENTIST

Jan 2017 – May 2017 | Technologies: PySpark and Python.

Analyzed the data of battle-field-3 and found out different clusters of users having similar traits and behavior which can later be used for better match-making or targeted advertisements. Techniques: K-mean clustering, linear regression.

## AWARDS AND ACCOMPLISHMENTS

NYU Summer 2017 innovation Fellowship winner.

Developer of multiple Apps downloaded by over 2 million people.

Gujarat State Board Topper in 12<sup>th</sup> science.