

# Rahul Shah

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Portfolio - <https://rahulshah1108.github.io/Portfolio/>

## EDUCATION

**Pace University, Seidenberg School of Computer Science and Information Systems**

Master of Science (MS) in Computer Science

**New York, NY**

May 2021

**Mumbai University, Atharva College of Engineering**

Bachelor of Engineering (BE) in Information Technology

**Mumbai, India**

May 2019

## RELEVANT COURSEWORK

Mobile Web Content and Development | Database Design and Development of Web | Concepts and Structures in Internet Computing | Big Data Analytics | Database Management System | Algorithms and Computing Theory | Security in Computer Networking

## TECHNICAL SKILLS

**Programming Languages:** C, C++, C#, HTML, CSS, Javascript, PHP, Python, Java, Ionic, React, AngularJS, JQuery

**Operating Systems:** Windows, macOS

**Database Management:** MySQL, SQL

## ACADEMIC PROJECTS

### Gym Database

September 2019 – December 2019

- Collaborated in a team of five to create a Gym database using MySQL to manage a dataset of clients registered for the gym and trainers.
- Developed a data model with an ER diagram to create tables that could organize the data.

### Osteoporosis Fractures

June 2018 – February 2019

- Collaborated in a team of three to develop a machine learning model that predicted osteoporotic fractures in images using Python and radiology reports, improving the efficiency and speed of fracture detection.
- Found and extracted the data from various sources and trained the machine learning model to recognize the fractures in radiology reports, predicting the existence of fracture with an accuracy rate of 97%.

### Atharva College's Sports Website

December 2017

- Developed Atharva College's Sports website using HTML and CSS to allow users to view the sports-related information about the college.
- Coded the functions of the website using HTML to show previous game results, future games, and sport information and designed the front end of the site using CSS to ensure a user-friendly interface.

## LEADERSHIP

**Atharva College Cultural Festival**, Cultural Secretary

January 2018 – March 2018

- Led a team of 20 club members to organize the annual college cultural festival.

**Atharva College Cultural Festival**, Fashion Head

March 2017 – March 2018

- Led the college's fashion team in various inter-college fashion shows, winning 1<sup>st</sup> place in seven out of ten competitions.

## ACTIVITIES / VOLUNTEER WORK

**Atharva College of Engineering, Marketing and Technical Team**, Member

January 2016 – March 2017

**Atharva College of Engineering, Marathon**, Volunteer

March 2016 – March 2019

## ADDITIONAL TRAINING

**Raj Computers Academy**- Python, MySQL, Java, C, C++

May 2019 – July 2019