

# Rihan Pereira

rihbyne.github.io | rihen234@gmail.com | +919545236646

## EDUCATION

### MUMBAI UNIVERSITY

#### BE IN INFORMATION TECHNOLOGY

July 2010-2014 | Mumbai, MH

St. Francis College of Engineering

Avg. 55%

### THOMAS BATISTA J COLLEGE

#### GRADE-12(SCIENCE)

Feb 2010 | Mumbai, MH

Avg. 72%

### ST. AUGUSTINE HIGH SCHOOL

#### GRADE-10

March 2008 | Mumbai, MH

Avg. 76%

## LINKS

Facebook:// rihenp

GitHub:// rihbyne

YouTube:// RihanPereira

Twitter:// @rihbyne

soundcloud:// @rihan

Quora:// Rihan-Pereira

## COURSEWORK

### UNDERGRADUATE

Intro. to Computer Programming

Data Structures and Algorithms

Object-Oriented Programming

Operating Systems

Computer Networks and Security

Database and Storage Management

## SKILLS

### PROGRAMMING

Extensive:

Python • Javascript • Unix • Git

emacs

Comfortable:

Java • Ant • Django • SQL

SSHs

Familiar:

React.js • Node.js

## ACHIEVEMENTS

1st/10 Inter-Class Music, Dec-2007

1st/13 Inter-Class Music, Nov-2006

2nd/5 Inter-Class Art, Aug-2004

3rd/6 4x100 Mts. Relay,Sports Dec-2004

2nd/6 4x100 Mts. Relay,Sports Dec-2002

## EXPERIENCE

### AASAANJOBS | SOFTWARE DEVELOPMENT ENGINEER

Dec 2014 – June 2015 | Mumbai

- Exercised acquired understanding of DVS tool **Git**, learned to resolve merge conflicts, branching,hotfixes, stash, git-flow.
- Deflated codebase while refactoring and wrting responsive static UI.
- Worked on a feature to implement user-facing design to handle CRUD operations which consume json using AngularJS MVC framework.
- Understanding of python-django MVC,used django's default ORM to write aggregate query for a module's View.
- An assignment to port a small portion of existing jquery code to AngularJS.

### GLOBAL POINT SOLUTIONS | SOFTWARE ENGINEERING INTERN

Jan 2013 – March 2013 | Mumbai

- Worked with frontend team to design and improve UI using **js** and Bootstrap framework.

### GOOGLE SUMMER OF CODE 2013 | PROJECT PARTICIPANT

April 2013 – June 2013 | Google Melange

- Drafted out a technical project prosposal about automating bug reporting for participating organization **Tim Videos**

## PROJECTS

### HOME AUTOMATION SYSTEM API

Feb 2014 – April 2014 | homeAutomationApp | control-servo

- This project implementation was inspired from Internet of Things(IoT) concept.It makes use of Open Source Embedded hardware, Raspberry Pi.
- The request routing logic is written on top of Express middleware framework and deployed on **Node.js** application server running on embedded device.
- The logic is then exposed as REST like web service and used to invoke from a web-app/CLI-app.

### BEATBOX

Sep 2013 | rihbyne/Beatbox

- Beatbox is a 16x16 checkbox grid.It makes use of java MIDI library to generate eclectic sound patterns.
- Loops over checked checkboxes on different sound patterns.
- The app can save/restore patterns state and adjust tempo as well.

### SIMPLE QUIZ

Sep 2013 | rihbyne/Quiz-form

- Simple Quiz is a web-based UI quiz written in js, xhtml, css.It notifies the correct choice for wrong solution and accordingly increments the score.

### THEATRE MOVIE BOOKING SYSTEM

- This program is windows Standalone Desktop App that I created as part of coursework during my sophomore year of Undergraduation.
- This program demonstrates the following:
  - use of for-loop for seat reservation.
  - Display seat status considering empty to total seats.
  - Establish connection to MS-SQL and generate detail report on user choices.