Rihan Pereira

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EDUCATION

MUMBAI UNIVERSITY
BE in Information Technology
July 2010-2014 | Mumbai, MH
St. Francis College of Engineering

THOMAS BATISTA J COLLEGE
grade-12(Science)
Feb 2010 | Mumbai, MH

ST. AUGUSTINE HIGH SCHOOL
grade-10
March 2008 | Mumbai, MH

LINKS

blog:// **swlogs.me/blog**
diys:// **swlogs.me/diys**
goodreads:// **goodreads.com/rihbyne**
gitHub:// **rihbyne**
soundcloud:// **@rihan**
quora:// **Rihan-Pereira**

COURSEWORK

UNDERGRADUATE
Intro. to Computer Science
Data Structures and Algorithms
Object-Oriented Design and Principles
Operating Systems
Cryptography
Computer Networks
Database and Storage Management
Software Testing and Quality Assurance

SKILLS

PROGRAMMING
Extensive:
NodeJS • Python • Javascript • Unix
• Git • Emacs
Comfortable:
Java • NoSQL • SQL
Familiar:
Memcache

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
- Excercised 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 mechanism to handle CRUD operations which consume json using MVC Design Pattern.
- Applied understanding of Python/Django MVC,used Django's built-in ORM to write aggregate queries for a module's View.
- wrote python/javascript script to perform database cleanup and automate SMS triggering.

GOOGLE SUMMER OF CODE 2013 | project participant
April 2013 – June 2013 | Google Melange | link:-> project draft
- Drafted a technical project prosopal about automating bug reporting for participating organization **Tim Videos** .

GLOBAL POINT SOLUTIONS | Software Engineering Intern
Jan 2013 - March 2013 | Mumbai
- Worked with frontend team to design and improve UI using JS, HTML5, CSS, Grid Layout .

PROJECTS

HOME AUTOMATION SYSTEM API
Feb 2014 – April 2014 | rihbyne/HA-app | rihbyne/control-servo
- This project implementation was inspired from Internet of Things(m2m) concept.It makes use of Open Source hardware, Raspberry Pi.
- The request routing logic is written on top of Express middleware framework and deployed on **Node.js** application server running on Raspberry Pi.
- The logic is then exposed as REST like web service endpoint which is then invoked from a Web-app/Command-Line(CLI) app.

BEATBOX
Sep 2013 | rihbyne/Beatbox
- Beatbox is a Java Swing GUI program.It has 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.

QA QUIZ
Sep 2013 | rihbyne/Quiz-form
- QnA 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:
  - Event handlers, display seat status considering empty to total seats.
  - Establish connection to MS-SQL DB and generate ticket on user choices.