

# Srivatsan Ramesh

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## EDUCATION

### INDIAN INSTITUTE OF TECHNOLOGY, MADRAS

B.TECH IN ELECTRICAL ENGINEERING  
Expected 2018 | Chennai, India  
CGPA: 8.86

### MAHARISHI VIDYA MANDIR

12TH CBSE  
Chennai, India | Score: 97.2%  
School 3rd

### VELS VIDYASHRAM

10TH CBSE  
Chennai, India | CGPA: 10.0

## LINKS

GITHUB: [SRIVATSAN-RAMESH](#)

LINKEDIN: [SRIVATSAN RAMESH](#)

## COURSEWORK

- Computational Engineering
- Computer Organization and Architecture
- CAD Laboratory (C and Python)
- Probability
- Data Structures and Algorithm\*
- Digital Signal Processing

## SKILLS

Python • C • C++ • Java  
HTML • CSS • Javascript

Tools:

Android • Git • Data Structures and Algorithms • Graphic Design(Photoshop and Illustrator)

## POSITION OF RESPONSIBILITY

Graphic Design Coordinator at Saarang 2016.

## HOBBIES

Competitive Coding([Codechef](#), [Hackerrank](#), [Codeforces](#)) • Watching TV Series(POI, Arrow, Flash) • Reading answers in Quora.

## EXPERIENCE

### GOOGLE SUMMER OF CODE | OPEN SOURCE CONTRIBUTION

May 2016 – Aug 2016 | Chennai, India

MyHDL is a hardware definition language in Python, which delivers Verilog's functionality with Python's elegant syntax.

- Developed open source [HDMI Source/Sink IP core](#) using MyHDL in Python.
- Contributed to open sourced [RISC-V processor module](#) using MyHDL.

### 1000 LOOKZ | INTERN EMPLOYEE

Oct 2015 – Jan 2016 | Chennai, India

- Developed a python application which applies makeup on faces.
- Integrated a C++ code for face-pose detection using JNI in Android.

### CLOZERR | SUMMER INTERN

Jun 2015 – Jul 2015 | Chennai, India

- Developed an android app, enabling users to check-in to stores with ease.
- Integrated Google Analytics for monitoring user responses, triggering intelligent notifications based on locations and preferences.

## PROJECTS

### MUSIC-SCRAPER | PYTHON APP | [GITHUB](#) | [PYPI](#)

Developed an open source python app which scrapes through Google search results and gives a list of songs related to a query and allows users to download the songs.

### INCOR | PYTHON APP | [GITHUB](#) | [PYPI](#)

Assisted in developing a Python Application that automatically generates a template code on creating a new file and also executes the program file each time you save it.

### GRAVIDOT | ANDROID GAME | [GITHUB](#) | [GOOGLE PLAY STORE](#)

A Physics based Arcade game for Android Mobiles. Developed the whole Game using AndEngine Game Engine for Android. More than 2500 organic downloads on Google Play Store. User rating of 4.3

### GENIE | ANDROID APP | [GITHUB](#) | [GOOGLE PLAY STORE](#)

An Android security App that locks your mobile and changes its password automatically when it receives an SMS of a specified format from any mobile device.

## ACHIEVEMENTS AND AWARDS

|      |                  |   |
|------|------------------|---|
| 2016 | 1/30+ teams      | Triathlon(Coding event), Shaastra   |
| 2016 | 2/30+ teams      | Reverse Coding, Shaastra  |
| 2015 | 2/10+ teams      | Code the Google Way, Hackathon  |
| 2014 | top 429/100,000  | JEE Advanced  |
| 2014 | top 98/1,300,000 | JEE Mains   |
| 2014 | AIR 2            | Amirta Engineering Entrance Exam  |
| 2014 | AIR 22           | Recipient of KVPY Scholarship   |
| 2014 | top 30/35000     | Indian National Astronomy Olympiad (Attended Orientation cum Selection camp at HBCSE, Mumbai) |