Sricharan **Chiruvolu**

http://sricharan.xyz | mail@sricharan.xyz | +91 9035 886166

Aspirational Focus

I am a self-learner, eager to work on any platform or technology. A FOSS enthusiast and aspiring computer science engineer. Ready to work in a challenging environment which provides ample learning and growth opportunities.

Education

- ➢ Pursing B.Tech in Computer Science and Engineering, at Amrita School of Engineering, Bangalore, IN.
  - ○ Current CGPA (upto 6th semester): **8.71/ 10.00.**
  - ○ Expected year of graduation: 2016
- ➢ Passed Class 12 from NRI Junior college, Hyderabad with percentage of **91.8%**.
- ➢ Passed Class 10 from Kendriya Vidyalaya, Hyderabad with CGPA of **9.60/ 10.00**.

Projects and Internships

- ➢ **Google Summer of Code'15**: Accepted for GSoC'15 program. Assigned to write open-source code for *Copyleft Games* in association with Google Inc. The goal of this project was to improve the lighting system of Pysoy, with support for Point, directional, spot and ambient lights. The project was also aimed to implement an optimized shadow mapping mechanism(CSM based) with an option to toggle it based on the GPU system used.
- ➢ **Parallelizing Genetic Algorithms (Ongoing):** A bioinformatics research project on parallel Genetic Algorithms implemented on GPGPUs and for pharmaco-genomic applications.
- ➢ **RayBox**: An image synthesis system based on ray-tracing which includes reflections, refractions, soft shadows and depth of field.
- ➢ **ClassBox:** A complete productivity suite for schools and colleges to interact effectively. Features include an interactive drawing board, chat rooms, dedicated forums, quiz generation and analytics, push notifications e.t.c.
- ➢ **ClubBox:** A python based club management system where club in charges and faculty can interact with the club executives and organized events effectively.
- ➢ **Other Hobby Projects:** A few hobby projects on various aspects of computer science and engineering are hosted at *http://github.com/sricharanized*.
- ➢ **Linux Course Certificate:** Awarded an Honor code certificate from *The Linux Foundation* for completing an introductory course in Linux.
- ➢ **In-plant Training:** Completed a 2-week in-plant training from *HCL Technologies, Chennai,* during winter 2013. Gained industrial exposure of real-world software development. Attended workshops on Android application development and PC hardware.

Affiliations

- **Forum for Aspiring Computer Engineers (FACE):** Acted as an executive member/ office bearer of FACE, the computer science forum of Amrita School of Engineering, Bangalore. Helped in organizing many events,seminars and workshops aimed at imparting knowledge in the field of computer science and technology.
- **GNU/ UNIX User Group, Bangalore Chapter:** Executive member/ office bearer for the GNU/ UNIX user group. Promotes use of free software, organize events and workshops on Linux and Free software policies.

Magazine Publications:

- **Open-Source Licensing Guide** - Open Source for You (OSFY)
- **Getting Started with Dart** - Open Source for You (OSFY) - October 2015
- **How students can contribute to FOSS** - Open Source for You (OSFY) - August 2015
- **Generating Graphics with OpenGL** - Open Source for You (OSFY) - July 2015
- **Source code Management with Git** - Sanchita'15 - Academic year - 2015

Other Information

- **Github:** *http://github.com/sricharanized*
- **Date of Birth:** 12th October 1994
- **Linguistic Proficiency:** English, Hindi and Telugu
- **Hobbies:** Reading manga, Watching Anime and Sitcoms