Sricharan Chiruvolu

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\# 430, Mathura block
Amrita School of Engineering
Kasavanahalli, Bengaluru
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Interests	Website design and development, computer graphics, free and open source software

Academic Qualifications

B.Tech, 6th Semester	2012-2016
Computer Science and Engineering	
Amrita School of Engineering, Bengaluru	CGPA(current) **8.80/ 10.00**
12th Class	2012
NRI Junior College, Hyderabad	Percentage **91.6%**
10th Class	2010
Kendriya Vidyalaya, Hyderabad	CGPA **9.60/ 10.00**

Experience

Google Summer of Code - 2015, PySoy — Summer 2015
Google Inc.
Currently working as a student developer for Google.
Will be developing open source software with Google Inc.'s sponsorship for PySoy (Copyleft Games), a 3D cloud game engine. More information on my project can be found at: http://goo.gl/frUCNa.

Introduction to Linux- LFS101x.2 — Winter 2014
LinuxFoundationX
Successfully completed a certification course with an Honor Code certificate, offered by the Linux Foundation.

J2SE professional certification — Summer 2014
Aptech India Private Ltd.
Successfully completed a certification course on Java programming and application development.

In-plant training — Winter 2013
HCL Technologies
Gained industrial exposure of software development. Attended workshops on Android application development, PC hardware e.t.c.

Technical Expertise

- Programming languages - C++, Python, Genie and Java
- Website design and development
- 3D Graphics Programming - OpenGL and GLSL
- IDEs: QtCreator, CodeBlocks, MATLAB, Android Studio, Eclipse
- Knowledge on build tools (Cmake, GNU make) and version control systems (git, mercurial)
- Designing knowledge: Adobe Photoshop and Illustrator
- Documentation: Doxygen (generation) and LaTeX (preparation)

Open-source Contributions	**Copyleftgames**
	Currently contributing in the development of Pysoy as a student developer from Google, under **Google summer of code** program.
	Working on enhancement in the lighting and shadow rendering. Worked on reproducing and fixing bugs, enhancing the physics engine and game render cycles.
	Details: http://copyleftgames.org/ and http://goo.gl/frUCNa
	Codrspace
	Worked on minor enhancements of the python backend.
	Currently working as a UI/UX developer.
	Details: http://codrspace.com/

Projects done	**RayBox**	Jan 2015
	RayBox is an image synthesis system based on ray-tracing which includes reflections, refractions, soft shadows and depth of field.	
	ClubBox	Nov 2014
	Developed a python based club management system where club in charges and faculty can interact with the club executives and organized events effectively.	
	ScreamBox	May 2014
	Developed a blogging website using Django Framework where users can blog, follow others send personal messages and interact.	
	Currently hosted at http://sricharan.herokuapp.com/.	
	Few Personal Projects	
	Developed various OpenGL based models, a maze-solver using image processing techniques, a simple loadable kernel module, a google app engine based blogging site, a few bash scripts, scripts using Twitter, Facebook graph, openweather and various other RESTful APIs e.t.c.	
	Details: http://github.com/sricharanized/.	

Ongoing Projects	**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. This application is being developed using MEAN javascript stack. A companion android application is also under development.

Volunteer Activities	**Executive member/Office bearer**	2014-2015
	Forum for Aspiring Computer Engineers [FACE]	
	Organized events and workshops, developed websites and designed posters for college fests and events. Conducted seminars and workshops that are aimed at imparting knowledge in the field of computer science at Amrita School of Engineering, Bengaluru.	
	Details: https://faceaseb.wordpress.com	

Hobbies	Enjoying sitcoms, reading manga (Japanese comics), watching anime.

Personal Details	**Date of Birth**	12th October 1994
	Linguistic Proficiency	English, Hindi and Telugu

Links	**GSoC and PySoy Blog**	http://raincrash.blogspot.com/
	Technical Blog	http://sricharanized.wordpress.com/
	Github	http://github.com/sricharanized/