

Sricharan Chiruvolu

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Academic Qualifications	B.Tech, 7th Semester	2012-2016
	Computer Science and Engineering Amrita School of Engineering, Bengaluru	CGPA(current) 8.71/ 10.00
	12th Grade	2012
	NRI Junior College, Hyderabad	Percentage 91.6%
Experience	10th Grade	2010
	Kendriya Vidyalaya, Hyderabad	CGPA 9.60/ 10.00
	Student Developer, Google Summer of Code	Summer 2015
	<i>Google Inc.</i> <ul style="list-style-type: none">Developing open source software with Google Inc. sponsorship for PySoy (Copy-left Games), a 3D cloud game engine written in Python.Development includes enhancement in the lighting and shadow rendering, reproducing and fixing bugs, documentation and testing. Programming languages include Genie, GLSL, Python and C.More information on my project can be found at: http://goo.gl/frUCNa and http://copyleftgames.org.	
Technical Expertise	J2SE professional certification	Summer 2014
	<i>Aptech India Private Ltd.</i> Successfully completed a certification course on Java programming and application development.	
	In-plant training	Winter 2013
	<i>HCL Technologies</i> Gained industrial exposure of software development. Attended workshops on Android application development, PC hardware e.t.c.	
Open-source Contributions	<u>Intermediate Proficiency:</u>	Web design and development - Python(Django and Flask) and Javascript stack, 3D programming - OpenGL and GLSL, Free and open-source software, IDE's: qtCreator, codeblocks, matlab - Image Processing Toolkit, android studio, eclipse
	<u>Knowledgeable:</u>	Build tools - Cmake and GNU make, version control systems - git and mercurial, designing - Adobe Photoshop and Illustrator, documentation: Doxygen (generation) and LaTeX (preparation)
Open-source Contributions	Copyleftgames	
	<ul style="list-style-type: none">Worked on reproducing and fixing bugs, enhancing the physics engine and game render cycles.A student developer for Pysoy under Google Summer of Code program. Working on enhancement in the lighting and shadow rendering.	

	Codrspace	
	<ul style="list-style-type: none"> • 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/ .	
	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] 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	
Publications	Generating Graphics with OpenGL	July 2015
	<i>Open Source For You</i> - Asia's first Publication on Free and Open Source Software	
	Source Code Management using Git	May 2015
	<i>Technical Article for Sanchita'15</i> - Annual Magazine for Amrita School of Engineering, Bangalore	
Personal Details	Date of Birth	12th October 1994
	Linguistic Proficiency	English, Hindi and Telugu
Links	Website	http://sricharanized.github.io/
	Github	http://github.com/sricharanized/
	LinkedIn	http://in.linkedin.com/in/sricharanchiruvolu/