Mounika Somisetty

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EDUCATION

IIIT HYDERABAD
B.Tech in Computer Science
2013 - 2017 | Hyderabad, India
Cumulative GPA: 9.68

FIITJEE Junior College
Senior Secondary
2011 - 2013 | Hyderabad, India
97.3 %

Orchids - The International School
Grad. May 2011 | Hyderabad, India
Cum. GPA 10/10

ACHIEVEMENTS

College
Dean's List I in 2013 and 2014
Runner Up in Microsoft's Code.
Fun. Do. Campus Hackathon
Other
Grade Three for Electronic
Keyboard by Trinity College
London

SKILLS

OS:
GNU/Linux • Mac • Windows
Fluent:
C • Python • Matlab • Bash •
HTML • CSS • Javascript • jQuery
• Version Control • Bootstrap
Intermediate:
C++ • Java • C# • Django •
ASP.NET • Razor C# • OpenGL2/3
• gdb • Foundation
Basic:
Android • Windows Phone • ROR
• PHP • Assembly
DBMS:
MySQL • Microsoft SQL Server

EXPERIENCE

IIIT HYDERABAD | Teaching Assistant
Expected August 2015 – December 2015 | Hyderabad, India
For the subject Computer Programming under Prof. Anoop M. Namboodiri.

TIERRA SEED SCIENCE | Web Designer
May 2015 – Aug 2015 | Hyderabad, India
Redesigned the GUI for company's main website, and implemented a python-based content management system for the same.

COMPUTER GENERATED SOLUTIONS | Software Development Intern
May 2014 – July 2014 | Hyderabad, India
- Developed a web recruitment application to ease the process of hiring and interviewing potential employees using ASP.NET
- Redesigned the GUI for company's current employee portal using Razor C#, also, lead the team

YOGOPATHY | Application Developer
December 2013 | Hyderabad, India
Designed and Developed a Windows and Android Application for the company that helps users practice various yoga routines.

PROJECTS

MACHINE LEARNING BASED TOUR GUIDE
Developed, as part of a team, a mobile application that acts like a tour guide for visitors to the campus based on the pictures they take, using machine learning and image processing techniques, using MATLAB.

TCP/IP SERVER CLIENT FILE SHARING NETWORK
Worked in a team to create a multi-purpose file transfer program with chat capabilities, an easy and intuitive web based user interface and a powerful command line interface, in C.

SPINNING TOP GAME WITH GRAPHICAL INTERFACE
Developed a simple terminal based 3D spinning top game made with OpenGL3. Has multiple terrains and multiple camera angles to view from, as part of the Graphics Course.

CONSOLIDATED STUDENT'S PORTAL
Lead the team as a project manager, as well as, built a web application using the iterative incremental software development life cycle, to help easily identify weak students and monitor grades and attendance, using Django and Foundation Framework.

MISCELLANEOUS

Year	Scope	Description
2015	IIIT-H	Member of Constitution Drafting Committee, SAC, Apex Body
2015	IIIT-H	Editor-in-chief of the College Magazine
2012	International	Ranked 6th in the International English Olympiad
2011	International	Ranked 3rd in the International English Olympiad
2011	National	Ranked 3rd in State for National Cyber Olympiad