Sri Ananda Seelan

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Professional Objective

To become an expert developer delivering high quality software.

Education

Bachelor's degree in Computer Science and Engineering, 2010–2014,
Amrita School of Engineering, Coimbatore.
CGPA: 8.29

12th Standard, May 2010,
Sri Sarada Balamandir Boys' Matric. Hr. Sec. School, Salem.
Score: 95%

10th Standard, May 2008,
Sri Sarada Balamandir Boys' Matric. Hr. Sec. School, Salem.
Score: 89%

Programming Skills

Programming Languages	: C, C++, Python-2.X, HTML, JavaScript, Scheme (under study).
GUI Toolkit	: wxWidgets.
Web development Toolkits/Frameworks	: Python Flask, jQuery, Twitter Bootstrap, EnyoJS, NodeJS (under study).
Databases	: PostgreSQL, SQLite

System Administration Skills

Operating Systems	: Linux (mainly Ubuntu, OpenSuse but also familiar with other distributions).
Version Control System	: Git (under study).

Interests

• General Purpose Programming
• Web Development
• GUI programming
• Open Source Software

Internships

Research Internship - Amrita Multidimensional Data Analytics and Research Lab*:* Working on an e-learning tool called *Amrita Content based Indexing and Searching Tool* that is being developed based on the research going on in the Department of Computer Science, Amrita School of Engineering - Coimbatore. Part of the team that aims to capture the relatedness and different types of relatedness between videos based on their content.
Implemented a web based application for the module and also applications for user-studies. Also working on data visualization to conclude the results obtained during the research. Worked with python-flask for setting up the server. SQLite was used for database management. Learning data visualization using javascript.

Human Factors International*:* Interned with a contractor for HFI working on a cross-platform desktop application to monitor their servers.This application serves as a control panel that is being used by the employees to control and monitor their remote servers.
Written in python using wxWidgets for cross-platform UI. Used python-fabric for controlling the servers over ssh.

Projects

Docu - Version control writing for Indian Languages*:* An open source application under development that aims at providing automatic document management and version control for text documents. Integrated with an editor, Docu supports text-editing in seven different Indic scripts including hindi, telugu, kannada, etc.

Git, nodeJS, node-webkit, enyoJS and google-closure libraries are being used for building this application.

TaskOrg*:* A web application that was developed for providing task management facility for the users with to-do lists and multiple views for managing them with a good number of features.
Python-flask was used for building the server. Front-end frameworks that were used include jQuery and Twitter-Bootstrap.

Collision Course*:* A 2D ball dodging game written during a code-a-thon which also won the third place in the same event.
HTML5 canvas api and javascript were primarily used with box-2d physics engine for developing this game.
Game url : `http://collision-course.herokuapp.com/`
Source   : `http://github.com/scarecrow1123/collision-course/`

Monopoly*:* This is a board game with simple graphics based on the original American "Monopoly" game.
Written in C++ with WinBgi graphics library for user interface.

Supermarket Management*:* A console application developed for managing inventory and billing purposes for a supermarket.
Written in C++ for the linux platform.

Achievements

- Won the third place in a web-designing event held during a National level Student Convention conducted by Computer Society of India.
- Secured the third position in a code-a-thon event conducted by Amrita School of Engineering-Bangalore for developing a game application in 24 hours.
- Won the second place in "Hexathalon", a technical event conducted during a National level Tech. Fest conducted by Amrita University.

Activities

- Active member in Stack Overflow.
- Typeracing, lurking in hacker news and reddit.
- Reading and listening to music.

Other details

Date of birth	: 03-08-1992.
Human Languages	: Tamil, English.
Address	: 346-A/1, IInd Cross Street,
	New Colony,
	Vallam,
	Chengalpet, TAMILNADU - 603003,
	INDIA.

Date:

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