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: 8.50

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-2.7, HTML, CSS, JavaScript, Scheme(under study).
GUI Toolkit	: wxWidgets.
Web development Toolkits/Frameworks	: Python Flask, jQuery, Twitter Bootstrap, EnyoJS, NodeJS(Under study).
Databases	: PostgreSQL.

System Administration Skills

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

Interests

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

Projects/Internship

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.

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.

Amrita Content based Indexing and Searching Tool - ACIST: A data-analytics research project being done at the Department of CSE, Amrita School of Engineering on content based analysis of instructional videos. Aims at bringing up a methodology for identifying, classifying and indexing videos automatically for e-learning purposes based on their content. Part of the team that is working on quantifying the relatedness among videos. Implemented a number of mini-scale web applications for testing and evaluation purposes. Also working on setting up a web based system for the whole module.
Web servers were written in python using python-flask and postgreSQL for database management. Work also includes the usage of different front-end frameworks for visualization and designing purposes.

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.

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.

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 - Was in the top 3% users of the week and 6% of the month(June '13) globally in terms of contribution and reputation.
- 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.