

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 - 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.

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INDIA.

Date:

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