U.Aadithya

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http://aadithyau.github.io

Areas of Interest

Algorithms and Data Structures

Academics

Qualification	Year	Name of the Institution	Percentage/CGPA Obtained
B.E Computer Science and Engineering	2012-2016 (expected)	College of Engineering, Guindy	9.21/10(till 4semesters)
Higher Secondary (12th standard)	2011-2012	SBOA Matriculation higher sec.school (State Board)	96.9%
High School (10th standard)	2009-2010	SBOA Matriculation Higher sec.school (State Board)	95.8%

Projects

CEG Infoconnect

Description: CEG Infoconnect is a website which provides better connectivity among staff, department and students. It offers forums for staff and department to send information to students of selected classes and also among the staff. It provides features that allow students to ask their doubts in subjects so that the respective teachers handling them can be sent notification. It also provides a group chat for each class for connectivity among

students and also among Professors.

Software used: Ampps(for server)

Languages: PHP, MySqli , Javascript , Jquery , CSS , HTML

Daily Price Shopping Android app

Description: This project was submitted as part of abacus. It provides a easy to use interface for both the seller and the buyer by providing online database for the seller to insert, delete and change price and category of the product and latest UI features for the buyer such as navigation drawer for the categories and action bar search for easy search of products. It also allows the user to add 'to-buy notes'. The shopping cart list is sent to the buyer via email.

Languages: JAVA, XML

POST PROCESSING OF OCR OUTPUT:

Description: Various OCR outputs were taken and the common mistakes were identified. Many of the papers submitted on this topic were taken and analyzed .More accurate algorithms were framed both contextually and OCR related. The project is underway and is expected to completed on February end. The project is expected to come up with more accurate results and is going to be hosted for public use.

Software used: Google's 1-T n-gram model (Corpus).

Languages: Python.

Athena online coding event 2015

Description: Athena was an online coding event by Kurukshetra '15, where participants have to code for 20 questions in a span of 2 hours and come up with the correct answer. I, along with two other Kurukshetra members organized the event. The event was a hit and we found a new way of marketing (posting in many of the colleges coders group), because of which we got many participants. The screen shots of the site are available in my personal site http://aadithyau.github.io

Software used: Eclipse IDE

Languages: Ruby on Rails.

Software Skills

- Languages and Tools: C (intermediate), C++ (expert), Java (expert), PHP (intermediate), Python (intermediate).
- OS: UNIX variants, Windows, Mac OS X.
- Database: Oracle SQL+, MySQL (Basic)
- Scripting Languages: Java Script, HTML5.

Strengths

- Ability to learn and understand the things quickly.
- Capable to work well in an independent as well as in a team environment.
- Hard worker.
- Interested in competitive programming and regular participant in SPOJ.
- Regular participant in programming contests conducted by many colleges.
- Interest to learn new things and explore.

Notable achievements

- Intern at Amazon Development Centre May – July 2015.
- Secured second place in 'Sync – 2013' coding event conducted by Computer Science Department in College of Engineering, Guindy.
- Successfully submitted a project for 'Abacus – 2014'.
- Got selected for finals of Markup Mania in Prayatna 2014, MIT International CSE symposium and DBMS contest in SSN college International CSE symposium.
- Completed CS50 Edx online course of Harvard University.
- Organized Athena, an online coding event by Kurukshetra 2015.

Personal Details

- Father's Name: V.Umashankar

- Date of Birth: 11-11-1994

- Gender: Male

- Languages known: Tamil, English.

I hereby declare that all the details furnished above are true and to the best of my knowledge.

Date: 29th Jan, 2015

Place: Chennai   U.AADITHYA