ADITYA BHARDWAJ

0023aditya@gmail.com | +91 8795062525 | adi69.github.io

Objective

To apply my knowledge and intelligence in the field of Computer Science and allied areas with high performance and optimum learning rate to ensure smarter sustainable future in an increasingly automated world.

Technical Skills

- Programming Languages: C, C++, Java
- Frameworks: CodeIgniter, Spring Web MVC
- Platforms: Linux, Windows
- Machine Learning Techniques : Support Vector Machines, Neural Networks
- Web Development: PHP, JavaScript, HTML5, CSS3, XML, JSON
- Designing and implementing databases in Oracle, MySQL and SQLite
- Worked with OpenGL C++ API and PHP RESTful APIs
- Data Structures and Algorithms

Experience

24x7fresh   May'15-June'15
Backend Developer Intern

I worked on distributed database synchronisation, development of company's Product Management System in PHP CodeIgniter framework, RESTful APIs for data exchange among devices. I had a first-hand experience of working in a startup.

Education

Indian Institute of Information Technology   2012-2016
Allahabad, India
Bachelor of Technology (Information Technology)
CGPA (till 6th semester) : 8.77/10

Favorite Courses:- Data Mining and Warehousing, Image Processing, Artificial Intelligence, Database Management Systems, Software Engineering, Theory of Computation, Operating Systems, Design and Analysis of Algorithms.

Delhi Public School Ghaziabad   2012
Vasundhara, India
Senior Secondary School (CBSE)
Percentage: 88.6%

Subjects: Physics, Chemistry, Maths, English, Computer Science

Delhi Public School Ghaziabad   2010
Vasundhara, India
Secondary School (CBSE)
CGPA: 9.6/10

Subjects: Maths, Science, Social Studies, English, Hindi, French

Projects

Sentiment Analysis of Hindi Songs, Lyrics based (in Devanagri Script), Classification and Application
Feb'15-Apr'15

Under the guidance of Prof. KP Singh, the aim was to build a *smart-shuffling* music application. Analysed lyrics in Devnagri Script, implemented Sentiment Vector Space Model, used Support Vector Machine, built Java Music Player Application.

Comparison of Performance of Image Edge Detectors
March'15

Under the guidance of Prof. US Tiwary, this project aims to compare various edge detectors, namely, Canny, Sobel, Prewitt, Roberts, Zero-cross and log and evaluated their performance on clear and noisy images. An Image and Visual Processing project. Coded in MATLAB.

Support Vector Machine Application
Aug'14-Nov'14

This project was done under the guidance of Prof. Krishna Pratap Singh. The aim was to build a machine learning tool for classification of linearly separable data in C++. Learnt great deal about Machine Learning and the involved complex mathematical algorithms.

Airline Reservation System Simulator
April'14

Database management system built in MySQL and front-end built using PHP, JavaScript, HTML5, CSS3

Visitor Counter
March'14

An electronics project based on Microprocessor 8086. Coded in C and burned using CodeVisionAVR.

Achievements

Academic

- Ranked in top 1 percent of **All India Engineering Entrance Exam, 2012**.
- Aced in courses: Introduction to Programming, Physics-I, Mathematics-I, Data Structures and Algorithms, Object Oriented Methodology, Operating Systems, Theory of Computation, Data Mining, Image and Visual Processing and more...
- Scored excellent ranks in Science, Maths and Informatics Olympiads.
- Awarded **BlueBlazer** for being a scholar for **4 consecutive years** (2006-2010).
- School Subject Topper in **Physics** in Senior Secondary School Examination, 2012.
- Awarded *"Technowizard"* twice at DPS Ghaziabad, Vasundhara, India, 2008-09 and 2010-11.
- Developed **best club portfolios** for Maths Club(2005-06) and French Club (2009-10).

Extra-curricular

- Captain of **Gold** (2015) medal winning team and **Silver** (2013) medalist in **Lawn Tennis** at *Twaran*, National level sports fest of IIITM-Gwalior . **Gold** (2014) in Lawn Tennis at *Josh and J.Lal Sports Tournament*, MNNIT Allahabad.
- **Creative Head** of Effervescence (2014) – the annual cultural cum technical fest of IIIT-A.
- Runner up in Graphic Designing & Editing at Inter-School TechnOlympics-Cambridge School Noida's Infotech Festival.

Personal

Nationality	Indian
Date of Birth	23 Oct 1994
Languages	English, Hindi, French
Hobbies	Playing Lawn Tennis, Graphic Designing
Address	409, Sector 11, Vasundhara, Ghaziabad (UP) India-201012