Chirag Mittal

+91-8373984982 | chiragmittalcm7@gmail.com

Objective

Inquisitive, energetic computer science enthusiast skilled in leadership, with a strong foundation in math, logic, and cross-platform coding. Seeking to leverage solid skills in collaboration, communication, and development as a programmer for "companyName"

Highlights

- Consistently in top 3 students of Computer Science Engineering stream at the university
- Convener (Head) and Coordinator of "DEBUG-A Coding Society", the Computer Science Club of the university
- Part of various project teams at university and work on several personal projects including Arduino
- Proficient in several programming languages and frameworks
- Consistently commended by professors for programming abilities, grasp of multiple technologies and attention to detail
- Took initiative to bring "Coding Culture" to the university
- Creative and Artistic Thinking
- High Aptitude and Logical skills

Education

B.Tech in Computer Science, Sophomore — 2016 - Present

Ramaiah University of Applied Sciences, Bangalore, India

- CGPA of
- Expected Graduation in 2020

High School — 2014-2016

Doon Public School, New Delhi, India (CBSE) – 95%

Secondary School — 2004-2014

Doon Public School, New Delhi, India (CBSE) – 9.8 CGPA

Technical Skills

- Strongest Areas: Data Structures and Algorithms, Object-Oriented Programming, Web Development and Security, UI/ UX Designing
- Languages: Python, JavaScript, Haskell, Assembly, PHP, MatLab/ Octave, Java, C++, C, HTML5, CSS3, Shell Script, Arduino Programming
- Tools/ Frameworks: AngularJS, NodeJS, JQuery, Adobe Photoshop, Adobe Illustrator, AutoCAD Modelling, STL, MySQL, MEAN Stack, Bootstrap, Git

Relevant Courses

- Data Structures and Algorithms, Data Communication, Discrete Mathematics, Automata Theory, Software Development Fundamentals, Microprocessor and Assembly Programming, Advanced Programming Concept

Selected Projects

General Web Application to display Student Result and Attendance

- A MEAN Stack web-application for making life of students easier at university by displaying attendance, results, reference books, et cetera. Replacing traditional system of displaying results on notice board.

VR Tour of Monuments

- A visionary Android App designed for under-privileged children. The prototype of app was developed using ReactVR and Java. The app provides virtual tour of monuments along with the important information. Vision to include gesture and voice recognition.

Image filters

- Pure JavaScript application which applies filters on the image, merges two images and reduces the pixels of image without any requirement of uploading the image on a server.

Voice Controlled Vehicle

- Built an Arduino based Car take takes voice commands through Google Speech to Text translation to move in any in of the four directions.

Voice Controlled Appliances

- Used Arduino board to implement Internet Of Things to control electrical appliances such as turning lights on and off through voice command given to an Android App.

Railway Booking System

- Implemented the booking system of railway i.e. to display the current train schedules, routes, departure and arrival time and prices of different classes. The user can select train from the schedule and give number of passengers and the program will generate and view bill.
- Implemented as a class 12th (CBSE) Computer Science Project in C++

Achievements & Co-Curricular Activities

- Received Honors for most creative holiday projects and works
- Scored highest marks (all over India) in Computer Science Examination of class 12th in 2016 CBSE Exams
- Received Awards and Appreciation for being in top 3% students to perform exceptionally well in 2016 CBSE Exams
- Awarded Elite in Data Structures and Algorithms using Python from IIT Madras & NPTEL
- Designed attractive banners and posters for fashion startups and clubs
- Coordinated and Initiated various technical fests, several workshops, and interactive sessions
- Delivered presentations on DS and Algorithms
- Qualified for final round at CodeSpace Hackathon 2018, held at VIT, for a VR app for tour of monuments
- Selected for Google India Challenge Scholarship, 2018

Hobbies

- Competitive Coding, Solving Puzzles, Art and Sketching, Watching Documentaries, Automating Tedious Tasks, Web Pentesting, Designing posters and logos, Cooking and Bodybuilding Sport

Interest and Passions

- Cyber Security, Web Penetration, Python Scripting, Web Development, Internet of Things and Automation, Algorithms, and UI/ UX Designing