Harsh Kumar

Web Technologies, High Performance Computing | Looking for Internships for Summer '17

harshkumarmalik@gmail.com

Summary

A Computer Engineering undergrad student spirited about Web development and designing, machine learning and data structures/algorithms.Other areas of interests being Data Mining ,competitive coding, blogging and public speaking.

Experience

IDG Head at   Computer Society of India

July 2016 - Present (6 months)

   Working as Interest Development Group (IDG) head conducting classes ranging from various trending topics in the area of Web Development, Android Development, Machine Learning etc.

Undergraduate Researcher at   Lans lab- Delhi Technological University

March 2016 - Present (10 months)

   Working on optimizing strategy for storing big data on Hadoop.

Web Developer(Instructor) at   Computer Society of India

August 2015 - Present (1 year 5 months)

   My responsibility was to teach my fellow mates and juniors about the new and exciting concepts of Web Development.Idea was to instill in them the fine details of web designing and development with an aim to develop website for the CSI-DTU

Intern at   Kryptos Mobile

June 2016 - July 2016 (2 months)

   Working as Full Stack Developer (Intern)

Certifications

Shaping up with Angular.js

Code School

Education

Delhi College of Engineering

Bachelor of Technology, Computer Engineering, 2014 - 2018

Activities and Societies: Cogenesis, CSI-DTU, DelTech-MUN, LFT-DTU

Air Force School, Hindon

Skills & Expertise

HTML
JavaScript
CSS
Java
C
C++
Git
R
Management
PHP
Leadership
Research
Public Speaking
Web Design
Machine Learning
Microsoft Office
Customer Service
Django
Python
Algorithms
Microsoft Excel
Matlab
Web Development
MySQL

Projects

Syntactic and Semantic Interoperability In FHIR

August 2016 to Present

Members:Harsh Kumar, Krittika Pal

This project explores the standardization of electronic health records and tries to explore various resources to determine the most robust, scalable and simplified standard for deploying digitisation of health records. We examined the potential of the new Health Level 7 (HL7) standard Fast Healthcare Interoperability Resources(FHIR), a standard to help achieve healthcare systems interoperability. With comprehensive testing of FHIR and complete exploration of its features (especially for mental health records). This study provides a chronicle of the evolution of the HL7 messaging standards(comparison with version2 version 3), an introduction to HL7 FHIR, deployment of a fully functional FHIR server and exploring the behavioural health profile in FHIR. With this study, we also explored the major potential that FHIR as a standard can provide in fields of a unification of global healthcare system and data mining for further technological exploration

Online Portal for Faculty Feedback

March 2016 to May 2016

Members:Harsh Kumar, Himanshu Mangla, Harsh Dabas

Developed an online portal for Faculty Feedback System for Students using Web Development technologies such as HTML, CSS, and JavaScript. Used PHP as a solution for backend handling.

Languages

English   (Native or bilingual proficiency)

Harsh Kumar

Web Technologies, High Performance Computing | Looking for Internships for Summer '17

harshkumarmalik@gmail.com

Linked in.

1 person has recommended Harsh

"Harsh is a very dedicated, focussed and talented individual. He is a team player and has his own way in finding simple solutions to complex problems.He worked on a web portal with me and impressed me not only with his coding ability but also with his analytic thinking which makes him a complete package. His simplicity will make him go places in his life. I wish him all the very best for the endeavours that lie ahead. "

— **Shivam Narang** , worked directly with Harsh at Delhi College of Engineering

Contact Harsh on LinkedIn