Vivek Kumar Thakur

210-A , Boys Hostel
Army Institute of Technology,Pune
℘ 9421701789
✉ vivekkthakur_12192@aitpune.edu.in
✆ http://algorithms4geeks.blogspot.in
https://github.com/vkthakur

Objective

Obtain an intensive software development summer internship that utilizes my data structures,algorithmic skills to make the company's product better for its users.

Education

2012–2016	**BE,Computer Engineering**, *Army Institute of Technology*, Pune,Maharashtra.
Aggregate:	68.8% Till 4th Semester
2011	**Intermediate/+2**, *Kendriya Vidyalaya Lucknow Cantt*, Lucknow,UP.
Aggregate:	89.9%
2009	**Matriculation/10th**, *Kendriya Vidyalaya Lucknow Cantt*, Lucknow,UP.
Aggregate:	86.6%

Interests

Algorithms ,Data Structures ,Programming Contests.

Technical Skills

Languages	C, C++, Python,Java.
Platforms	Linux ,Microsoft Windows.

Projects

Online Typing Test

Description   It is a web application developed in JSP and MongoDB for analysing user's typing speed along with accuracy.User has to pass certain criteria to advance to next level.

Optimal Text Search

Description   An Algorithm to extract some set of random words from a given dictionary such that the letter count requirement is fulfilled.I implemented it using trie data structure in Qt framework.Also a comparison on the basis of time consumption between naive algorithm and the algorithm using tries.

GupShup

Description   An application layer networking application designed for instant messenging in the Local Area Network(wired or wireless) based on STAR topology using multithreaded server.

Online Compiler (www.onlinecompiler.wc.lt)

Description   Using Ideone API built an online website where codes can be compiled in over 100 languages.

Achievements

Tech-Aakriti 2013-2014
Came 1st in Inter-Branch coding competition at Army Institute Of Technology.

Solution'13
Came 1st in Inter-College coding event at AIT SOLUTION'S 13.

Solution'13
Secured 1 in inter-college debugging event at AIT SOLUTION'S 13.

OSS Club Coding Competition
Came 3rd in coding competition at AIT (2013-2014) organized by OSS club.

Rating At Different Coding Sites:

Codechef	handle: vthakur long contest : 2462.84 Short Contest: 1266.79
Codeforces	handle: vkthakur Rating: 1224
Spoj	handle: vkthakur Rank: 7350

Work Experience:

Problem Setter	Set problems for algorithmic programming contests for college's internal contests like Tech-Aakriti and Solution.

Hobbies:

Blogging: http://algorithms4geeks.blogspot.in

Competitive Programming

BasketBall (Regional Level Lucknow)

Extra-Curricular Activities:

Playing Basketball from Computer Branch.

Secured 2nd in Cross-Country (Computer).

Played Basketball at Regional Level in 2008-2009 and 2010-2011.

Event Head of Codered and debugging for Tech-Aakriti 2014-2015 .