

Abhinesh

<http://akgarhwal.github.io/>
 abhinesh.garhwal@gmail.com | +91-9872430458

EDUCATION

LOVELY PROFESSIONAL UNIVERSITY

B.TECH(HONS) IN COMPUTER SCIENCE

2014-2018 | Jalandhar, Punjab

CGPA: 8.86/10

KENDRIYA VIDYALAYA SIKAR

12th | CBSE BOARD

2013 | Sabalpur, Sikar, Rajasthan

Percentage: 72.60 %

NEW INDIAN SENIOR SECONDARY SCHOOL

10th | RBSE BOARD

2010 | Nawalgarh, Rajasthan

Percentage: 86.67 %

HANDLES

Github:// [akgarhwal](#)

LinkedIn:// [akgarhwal](#)

Hackerrank:// [akgarhwal](#)

Hackerearth:// [@akgarhwal](#)

Codechef:// [akgarhwal](#)

Codeforces:// [akgarhwal](#)

Spoj:// [akgarhwal](#)

RATINGS

Hackerrank: 2176

Codechef: 1864

Codeforces: 1477

Hackerearth: 1306

SKILLS

PROGRAMMING

Good:

- C • C++ • Python
- Java • Data Structure
- Android Development • Algorithms

Familiar:

- JavaScript • R
- MongoDB • Git

EXPERIENCE

INTERNSHIP | SYNOPSIS (INDIA) PVT. LTD.

Sep 2017 – June 2018* | Hyderabad, Telangana

- Worked on development of a QA system that checks accuracy to qualify the runset, which improved the performance of the system by 300%.
- Used topological sort on tabular data-sets to automate generation of icv runset.

PROJECTS

PUZZLE-X | ANDROID APPLICATION

Aug 2016 – Dec 2016 | Jalandhar, Punjab

- It is a mystic square puzzle in which user has to rearrange scrambled image to obtain original image.
- Puzzle-Solver is implemented using Priority Queue and A*-Algorithm with Manhattan distance.
- High-Score is set based on minimum number of moves.

GHOST WORD GAME | ANDROID APPLICATION

Jan 2017 – May 2017 | Jalandhar, Punjab

- A game in which players add letter to a growing word fragment, trying not to be the one to complete a valid word.
- The game bot moves are implemented using order-3 Markov model.
- The data structure of dictionary(60K+Words) is implemented using Trie.

ANALYSIS OF INDIAN STATES | GRAPHICAL ANALYSIS USING R

Jan 2017 – May 2017 | Jalandhar, Punjab

- The project demonstrate analysis of populations of Indian states on different levels (children, sex ratio, literacy).
- The analysis indicates improvements needed by states in different categories.
- Yearly analysis of alteration on different levels of population.

ACHIEVEMENTS

2017 1st/823

2017 2nd/221

2017 Gold Medal

2017 7-Silver Medal

2017 11-Bronze Medal

2016 GeeksforGeeks

2014 4 Lac

CodeManthan organised by LPU on Hackerrank

Code Samurai competition organized by LPU on Hackerearth

Hackerrank's monthly contest

Hackerrank's monthly contest

Hackerrank's monthly contest

Selected as campus ambassador of GeeksforGeeks

Scholarship was awarded by the university

LEADERSHIP

- Problem Setter of Programming Organization CYPHER at Lovely Professional University.
- Conducted classes of competitive programming at Lovely Professional University in association with GeeksforGeeks.