

RISHI PRASAD

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EDUCATION

NIIT UNIVERSITY

B.TECH IN COMPUTER SCIENCE &
ENGINEERING

Expected May 2017 | Alwar, Rajasthan
Conc. in Software Engineering
Cum. CGPA : 6.48 / 10

GG INTERNATIONAL SCHOOL

Grad. May 2013 | Pune, India
Percentage : 82.4%

CITY INTERNATIONAL SCHOOL

Grad. May 2011 | Pune, India
CGPA : 8.4/10

LINKS

WORK

Github:// [risshiki](#)

PERSONAL

Facebook:// [rishi.prasad.56](#)
Quora:// [Rishi-Prasad](#)

SKILLS

PROGRAMMING

Proficient:

Python • C • OpenCV

Experienced:

Java • CSS • HTML

Familiar:

Javascript • Android • MySQL

HOBBIES

- Working Out
- Basketball
- Swimming
- Chess
- Hiking
- Rafting
- Reading Non-Fiction

EXPERIENCE

NIIT FOUNDATION | SOFTWARE ENGINEERING INTERN

Jan 2016 – Current | Gurgaon, India

- Developed facial detection modules and user management solutions using OpenCV's libraries in Python as part of my R&D project. Currently deploying this modules in addition to other modules developed recently on Live Kiosks.

IL&FS | DATABASE ANALYST

Mar 2015 – Dec 2015 | Gurgaon, India

- Wrote Dynamic Stored Procedures in MS-SQL safeguarded from SQL injections.
- Suggested improvements to the database schema to eliminate redundancies

PERSONAL PROJECTS

SCRABBLE FOR MULTIPLAYER | SOFTWARE DEVELOPER

July 2014 – Present

Modified the Bernstein Hashing Algorithm to create a hash table of Scrabble's Dictionary.

Designed the UI for the Game along with evaluation modules.

Later, replaced the Hash Table with a Trie to increase efficiency in space.

Built a Word Finder using the Trie for resolving arguments.

Currently using the trie to build a rudimentary AI

MEDISEND | SOFTWARE DEVELOPER

Jan 2016 – May 2016 |

Devised schemes for protecting medical data using concepts of Cryptography and Authentication. Implemented the same using Python in a sample GUI Interface.

MOBINDER | MAPS API

Jan 2015 – May 2015 |

Designed the basic data structures using the data retrieved from the Google Maps API. Designed the algorithm to detect location.

SUDOKU SOLVER | ALGORITHM DESIGN

Jan 2016 – May 2016 |

Designed a backtracking algorithm to solve 1000 Hard Sudoku puzzles in less than a second..