

Ayush Garg

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EDUCATION

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY, DELHI
BE(Hons) in Computer Science
Jun 2017
GPA: 8.66

S.R. DAV PUBLIC SCHOOL, DELHI
Class XII | 2013
Percentage: 92.2%

BAL BHARATI PUBLIC SCHOOL
Class X | 2011
CGPA: 10/10

CERTIFICATIONS

Machine Learning - Stanford University

Introduction to Data Science in Python

IEEE Machine Learning in Biometrics Winter School - 2017

SKILLS

PROGRAMMING

Java • C • C++ • Python • Matlab • HTML • CSS • JS

COURSEWORK

Data Structures & Algorithms
DBMS
Artificial Intelligence
Compilers
Operating Systems

POSITIONS HELD

Director, CSI-NSIT
Sr Web Developer, CollegeSpace
Judge, Hackathon '17, IIIT H

INTERESTS

Quizzing
Travelling
Playing guitar

EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER II

April 2019 – Present | Hyderabad, India
Leading a team to develop next generation tax compliance platform for EU business

AMAZON | SOFTWARE DEVELOPMENT ENGINEER

June 2017 – March 2019 | Hyderabad, India
Worked on a tax platform for sellers that boosts cross-country sales thereby unlocking revenues worth millions of dollars for the sellers

AMAZON | SOFTWARE DEVELOPMENT ENGINEERING INTERN

Summer 2016 | Hyderabad, India
Designed and developed an anonymous communication platform with encrypted storage. Earned Spot Award for demonstrating ownership and best design practices.

RESEARCH

Ant Colony Based Fuzzy C-Means Clustering for Very Large Data

Conference EUSFLAT - Sept 2017 | Poland

Optimized FCM using Ant Colony techniques to cluster large datasets. Went to present the publication in Warsaw, Poland.

EFFECT OF CLASSIFIERS ON TYPE-III METAPHOR DETECTION

CONFERENCE TEAMC - MAR 2018 | INDIA

Published a comparative study of NN and traditional classifiers for metaphor detection

UNDERSTANDING METAPHORS USING EMOTIONS

JOURNAL NEW GENERATION COMPUTING - AUG 2018 | JAPAN

A novel approach to use emotions for a multi-sense interpretation of metaphors that performs better than single emotion-less interpretation

PROJECTS

AI SOLVER FOR 2048 | Nov 2016

An AI program using expectimax optimization and heuristics allowing search of 10 million moves per sec

MULTI-PLATFORM WEB CHAT SERVER – NSITMUN '16 | APR 2016

Solved the problem of traditional chat-passing practice in MUNs with a real-time, multi-platform web app developed in Meteor JS.

ICONNECT – CRIME REPORTING APP | APR 2016

Real time, interactive web & mobile app with Pinning on Google Maps and Live Emergency Broadcast. Developed using Meteor JS with Mongo DB.

AWARDS

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|---------|-----------------------------|------------------------------|
| 2013-17 | Scholarship-Acad Excellence | University of Delhi |
| 2015 | Univ Rank 2 | ACM ICPC Onsite Amritapuri |
| 2015 | 1 st | Programming Contest IIIT D |
| 2015 | 1 st | Programming Contest NSIT |
| 2014 | Univ Rank 3 | ACM ICPC Onsite Amritapuri |
| 2012 | KVPY Scholar | IISc. Bangalore |