JATIN ROHILLA

https://jatin69.github.io

EDUCATION

Masters of Computer Applications
Department of Computer Science,
University of Delhi
July 2017 - Present
Aggregate - 78%

B.Sc. Hons. Computer Science
Deen Dayal Upadhyaya College
University of Delhi
July 2014 - May 2017
Aggregate - 89.76%

High School
S.R. Century Public School
Bahadurgarh, Haryana
Class 12th (C.B.S.E) - 90.80 %
Class 10th (C.B.S.E) - 10.00 CGPA

SKILLS

Programming Languages
C++ , Python, JavaScript, Java, R

Tools
Git, GitHub, Jekyll, GNU Make, Docker

Others
Amazon Alexa Skills, AWS Lambda,
DynamoDB, Cloudwatch, EC2,
Google Actions, Google Compute Engine

ACHIEVEMENTS

India Builds Actions Winner
❏ One of the 20 Winners all over India.
❏ Google Sponsored trip to Devfest GDG
  Bangalore to represent Google Actions.

eYRC - 2015
❏ Top 15 all India Rank in e-Yantra
  Robotics Competition 2015
❏ Developed Solution for the theme
  Hotel Guest Service using the Robot
  FireBird V ATMEGA 2560

PROJECTS
(Source codes are available at - https://github.com/jatin69)

DU Result Fetcher
❏ Developed a scraping system to bulk fetch semester results for
  Delhi University Students.
❏ Created college-wise and course-wise merit lists by analysing the
  results of over 700 students at a time.
❏ Regular updates to the system to accommodate changes in the
  official DU Result portal over time

FTP Implementation
❏ Implemented the File Transfer Protocol by closely following the
  RFC-959 standards to enable file transfers over a localhost,
  a local network and over the internet. (TCP/IP Sockets in C++)
❏ Implemented a terminal based UI along with features like user
  authentication, concurrent client support, control & data
  connection, daemon data transfers and data port switching.

Sliding Window Protocols
❏ Implemented event-logging based visualization of Sliding Window
  Protocols using Flask-socketIO and deployed it on heroku.
❏ Designed a layered architecture to log real time packet status from
  all 3 layers - sender, receiver and the communication medium.
❏ Implemented Sliding window Flow control to deliver packets and
  Automatic Repeat Request (ARQ) to manage failed packets.

Atlas Adventure - Amazon Alexa Skill
❏ Published an Amazon Alexa Skill to play the geography variant of
  the classic word building game - word chain.
❏ Implemented game specific rules and place validity with Google
  Places API as well as several new features like world mode,
  country mode, lifelines, and spelling of the place.

POSITIONS OF RESPONSIBILITY

Community Influencer - Dec 2017 - Present
Facebook Developer Circles, Delhi-NCR

President - July 2018 - May 2019
Department of Computer Science, University of Delhi

President - August 2016 - May 2017
Sanganika - The Computer Science Society,
Deen Dayal Upadhyaya College, University of Delhi