

Abhay Singh

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EDUCATION

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY

B.TECH IN INFORMATION TECHNOLOGY

2018 | Allahabad, Uttar Pradesh
Cum. CGPA: 8.43

MAHARSHI PATANJALI VIDYA MANDIR

SENIOR SECONDARY EXAMINATION
2014 | Allahabad, Uttar Pradesh
Percentage: 93.6

HIGHER SECONDARY EXAMINATION
2012 | Allahabad, Uttar Pradesh
Percentage: 93.1

LINKS

Github:// [abhay0019](#)
LinkedIn:// [abhay-singh-533592102](#)
Quora:// [Abhay-Singh-652](#)

SKILLS & ABILITIES

C • C++ • Python • Java • Data Structures • Algorithms • Web Scraping
• HTML • CSS • Ubuntu

ACHIEVEMENTS

- Ranked 424th out of 10000 candidates participating in CodeAgon 2018 contest.
- Ranked 8th in ISI Kolkata CODE-IT 2017 contest.
- Ranked 65th in India and 104th in world in Codechef JULY16 Challenge.
- Qualified for CodeChef's annual programming competition - SnackDown 2016.
- Won Gold Medal in MNNIT's Annual Athletic Meet 2017.
- Won Silver Medal in Badminton tournament held in MNNIT, Allahabad.

EXPERIENCE

SAMSUNG RESEARCH AND DEVELOPMENT INSTITUTE INDIA - BANGALORE | SENIOR SOFTWARE ENGINEER

June 25th, 2018 onwards | Bangalore, Karnataka

- Working on a new class of SSDs known as Open-Channel SSDs. Open-Channel SSDs differ from a traditional SSD in that they expose the internal parallelism of the SSD to the host and allows to manage it.

SAMSUNG RESEARCH AND DEVELOPMENT INSTITUTE INDIA - BANGALORE | SOFTWARE ENGINEERING INTERN

May, 2017 – July, 2017 | Bangalore, Karnataka

- A logging mechanism for ARTIK Board (Samsung IoT Platform) was built where logs were being stored on Linux machine to overcome the low memory constraint and interleaved logs of ARTIK Board.
- An automation of ARTIK Board was done to provide developers and SQA team an efficient debugging mechanism.

PROJECTS

A KNOWLEDGE BOT (LIVE ONLINE QUIZ CONTESTS HACK)

- A bot which answers any "KBC" type question (Questions With Options) within 3-5 seconds.
- Used Web Scraping and Image Processing.
- Implemented in Python.

A FILE COMPRESSOR

- Supports encoding as well as decoding of a file.
- Implemented in C++.

MOVIES/TV SERIES DOWNLOADER : A WEB SCRAPING PROJECT

- Used Python language bindings for Selenium Webdriver.
- A well informative session is provided for user.

COLLEGENOTE

- A Website to maintain and share notes.
- Used MySQL to maintain database.

HOBBIES

- Writing and Drawing.
- Playing Guitar.
- Playing Table Tennis.
- Playing Badminton.