Sarthak Deshwal

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EDUCATION

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
B.E. in Information Technology
July 2017 | Delhi, India

LINKS

Github:// **sarthak30**
LinkedIn:// **sarthakdeshwal**
Quora:// **Sarthak-Deshwal**

COURSEWORK

UNDERGRADUATE
Artificial Intelligence
Operating Systems
Computer Graphics
Compilers
Software Engineering

MOOC
Machine Learning
Android Development
Django Web Development
Basics of Python
Basics of Java

SKILLS

PROGRAMMING
Over 100000 lines:
Kotlin • Python
Over 50000 lines:
Java • JavaScript
Over 10000:
C • Android • HTML • CSS
Familiar:
C++ • PHP • MySQL

LITTLE PROJECTS

• Analysis of advertisement on Twitter
• Gallery like Application for Desktop
• Content Extractor from GeeksForGeeks
• Application to check plagiarism in text
• Chrome extension to check web-page performance

EXPERIENCE

EXPEDIA GROUP Software Development Engineer
July 2017 – Present | Gurgaon, Haryana, India
- Part of Mobile Team, mainly handling Flights line of business.
- Responsible for developing Machine Learning features.
- Responsible for handling API(s) used to cater mobile needs (Back-end for front-end)
- Active contributor to android ecosystem.

SAMSUNG R&D INSTITUTE | Software Engineering Intern
1 June 2016 – 31 July 2017 | Bangalore, India
- Worked on generating and analyzing test cases on Tizen Platform using ML
- Wrote a Python library to map SART and TAF from scratch.
- Developed a Tizen application to compare two images.
- All code was reviewed, perfected, and pushed to production.

STUDY'N'TEACH | Founder & Developer
Sept 2015 – Dec 2016 | Delhi, India
- Developed the complete 'on-line education' product from scratch.
- Website had more than 3000 registered users and more than 50 daily active users in short span of 2 months.

PROJECT, ACTIVITIES & PUBLICATION

HAYSTACK PYTHON LIBRARY Open Source contribution
https://expediadotcom.github.io/haystack/

PYCON APAC 2018 | Speaker
Jun 2018 | Singapore
Gave a talk on "How to understand user-behaviour using Multiple Linear Regression"

PARIKSHA | Delhi, India
Complete examination process automatized from candidate recognition to result creation. Developed at Hackathon organized at Rashtrapati Bhavan.

INDIAN GOVERNMENT PORTAL | Delhi, India
A common template system for Government websites for the clean look and quick deployment. Provided out of box crowd-sourcing support for regional languages.

XOR BASED KEY EXCHANGE PROTOCOL Data Security
IJEECS 2017 | Delhi, India

AWARDS & RECOGNITIONS

Year	Award	Organization
2018	Gold Star	Expedia Group for outstanding performance
2017	232/96878 All India Rank	Graduate Aptitude Test In Engineering
2013	Best Student Award	Little Flowers Senior Secondary School
2011	Child Scientist	National Children Science Congress
2011	Best Student Award	Little Flowers Senior Secondary School