

# 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 5000 lines:  
Java • Python  
Over 1000 lines:  
C • Kotlin • JavaScript • PHP  
Familiar:  
C++ • HTML • CSS • MySQL

## LITTLE PROJECTS

- Advertisement on twitter - analysis
- Gallery like application for desktop
- Content extractor from geeksforgeeks
- Application to check plagiarism in text
- Chrome extension to analyze web-page performance

## EXPERIENCE

### EXPEDIA INC. | ASSOCIATE SOFTWARE ENGINEERING, MOBILE TEAM

July 2017 – Present | Gurugram, Harayana, India

- Part of android team handling the Flights line of business at Expedia.
- Responsible for building new features along with senior members of the team.
- Working on reducing the application size and improving overall performance.
- Stack used : Kotlin, Java, Cucumber(UI Testing Framework)

### SAMSUNG R&D INSTITUTE | SOFTWARE TRAINEE

1 June 2016 – 30 July 2016 | Bengaluru, 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.
- Stack used : C++, Python, JavaScript

### 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.
- Stack used : Python, HTML, CSS, PostgreSQL

## PROJECTS

### PYTHON TUTORIALS ON UNACADEMY

- Made video lessons on "Introduction to Python".
- Have 13.5K followers for the same.

### PARIKSHA

- Complete examination process automatized from candidate recognition to result creation.
- Developed at Hackathon organized at Rashtrapati Bhavan.
- Stack : Flask(Python Framework), JavaScript, HTML, CSS

### INDIAN GOVERNMENT PORTAL

- A common template system for Government websites for the clean look and quick deployment.
- Provided out of box crowd-sourcing support for regional languages.
- Stack : MEAN(JavaScript Framework), HTML, CSS

## PUBLICATIONS

**XOR BASED KEY EXCHANGE PROTOCOL** | DATA SECURITY  
IJECS 2017 | Delhi, India

## AWARDS

2017 232/96878 All India Rank Graduate Aptitude Test In Engineering  
2011 Student Scientist National Children Science Congress