

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.

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.

STUDY'N'TEACH | FOUNDER & DEVELOPER

Sept 2015 – Dec 2016 | Delhi, India

- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- 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.

PROJECTS

PYTHON TUTORIALS ON UNACADEMY

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

PARIKSHA

- Complete examination process automatized.
- Developed at Hackathon organized at Rashtrapati House.
- Highly Appreciated for the idea.

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.

PUBLICATIONS

XOR BASED KEY EXCHANGE PROTOCOL | DATA SECURITY

IJEECS 2017 | Delhi, India

PREDICTIVE MODEL FOR EARLY DIAGNOSIS OF PANCREATIC CANCER | MACHINE LEARNING, MEDICAL SCIENCE

IJETS 2017 | Chandigarh, India

AWARDS

2017	232/96878 All India Rank	Graduate Aptitude Test In Engineering
2012	Best Student Award	Little Flowers Public Sr. Sec. School
2011	Student Scientist	National Children Science Congress