Sarthak Deshwal

B.E. (Information Technology)
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Experience

- **Software Trainee at Samsung R&D Institute, Bengaluru** *June 2016 - July 2016*
  Worked on creating test cases for Tizen Platform. Wrote a Python library for one to one mapping of SART and TAF. Developed a Tizen App to compare two images taken either from cameras or selected from the gallery. Wrote a Java program for Tizen Automation Framework for writing data to excel sheet.

- **Developer at StudynTeach** *Sept 2015 - Dec 2016*
  Was responsible for developing the complete product at http://asknlearn.in and http://studynteach.in/ using Django. (Not active now)

- **Research Trainee at Oxford University Press** *Dec 2015 - Jan 2016*
  Helped in writing of the book on Python. The main task was to proofread programs, suggestions for more interactivity and making a small project in each chapter.

- **Tech Leader at CampK12** *Dec 2014 - Jan 2015*
  Developed games like flappy birds, sky shooter etc on java and made students learn the logic. Worked closely with MIT postgraduate and ex-Apple CEO (founders) on IDE project

Publications

- **An XOR-Based Key Exchange Protocol** *IJEECS 2017*
- **Predicitve Model for Early Diagnosis of Pancreatic Cancer** *IJETSR 2017*

Projects

- **Python Tutorials at Unacademy**
  Made video lessons on python. Having 12.9K followers.

- **Hackathon at Rashtrapati Bhawan** *Mar 2016*
  It was built in hackathon organized at Rashtrapati Bhavan. We developed a complete examination system which automated nearly everything about examination process. The prime focus was face recognition to stop fake candidates.

- **Digital India Hackathon** *Oct 2016*
  A common template system for govt. websites for the clean look and quick deployment. It was built at hackathon organized to encourage Digital India. We were highly appreciated. Stack used was MEAN.

Technical skills

- **Programming languages:** Python, Java*, C*
- **Web technologies:** HTML, Javascript
- **Tools and Framework:** Django, Flask, Git, Geany, MEAN, Hybrid App Development, Meteor*
- **Miscellaneous:** Android programming *, Tizen App Development*
- **Operating system:** Windows, Linux
  * Elementary proficiency

Achievements

- Best Student Award 2010 & 2012 .

- Student Scientist 2010 & 2011: Awarded the student scientist for leading the team of 5 students to solve the problem of deteriorating parks in Delhi using Science. It was highly appreciated by Hon. Ex- President APJ Abdul Kalam and Indian Agricultural Research Institute.