SIDHANT SHARMA

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Education

New Delhi, IN	**Delhi Technological University**	**2013 - 2017**

- B. Tech in Software Engineering; CPI – 69.96% (5 semesters)

New Delhi, IN	**D.L.D.A.V. Model School, Delhi**	**2001 - 2013**

- CBSE AISSCE (2013) - Aggregate: 94.4%
- CBSE AISSE (2011) - CGPA: 10.0

Languages and Technologies

- ***Platforms:*** Linux , Microsoft Windows, Android
- ***Programming Languages:*** C, C++, Java, Python (Proficient); JavaScript, Scala, Perl (Familiar)
- ***Libraries and Frameworks:*** Android SDK, AngularJS, Firefox SDK, OpenCL, OpenCV
- ***Tools:*** Android Studio, IntelliJ Idea, Git

Technical Experience

- ***Xebia IT Architects India Pvt. Ltd.*** *(December 2015 - January 2016)*
  - Underwent technical training at Xebia India, completed project on Natural Language Processing.
  - **Perry**
    - Implemented a sentiment analysis tool to detect level sarcasm in tweets on scale of 0 to 4.
    - Achieved 45-60% accuracy with different supervised machine learning classifiers. (Results)

- ***Dex*** *(2015)*
  - Developed hand recognition tool that detects users' hand gestures to control interaction with Google Chrome.
  - Achieved about 70% accuracy in gesture detection with empirical algorithm.

- ***Amethyst Labs Pvt. Ltd.*** *(2014 - present)*
  - Co-Founded Software startup 'Amethyst Labs'.
  - ***Grid: Wireless network of smart-phones***
    - Developed a plugin framework for Android to allow development of applications that utilize the Grid network.
    - Designed and developed Grid android user interface.
    - Designed algorithms for Grid network formation and stabilization.
  - ***Aether: Content distribution service for Grid***
    - Designed and developed the algorithm for a decentralized information distribution system.
    - Developed android application for Aether with native content rendering.

- *Open Source*
  - ***Mozilla*** *(2015 - present)*
    - Developed add-ons for Mozilla Firefox:
      1. ***Blink***   New-Tab replacement to show news feed from Feedly (also for Google Chrome)
      2. ***Owl***   Changes theme of webpages to make online reading comfortable.
      3. ***Spoiler Jedi***   Detects and blocks spoilers for movie Star Wars: Episode VII
    - Volunteer Mozilla Add-ons Reviewer, reviewed 55 add-ons (and counting)
  - ***Haiku, Inc.*** *(2014)*
    - Bug fixes and UI enhancements for window colors and status bar.
    - Implemented UI enhancement (Contents tab) for HaikuDepot, Haiku's software center.