Nupur Baghel

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EDUCATION :

- **University of Delhi** - NSIT : Bachelor of Engineering (Final Year)   2015-2019
  Computer Engineering - Average course marks 84.75%
- **Delhi Public School, Bhilai** - Grade 12 Graduation   May 2015
  97.2% marks, Focus of studies was Maths, Physics, Chemistry & Computer Science
  Grade 10 Graduation - 10 CGPA   May 2013

SCHOLARSHIPS :

- **KVPY- Kishore Vaigyanik Protsahan Yojana**, a scholarship program funded by the   2015
  Dept. of Science and Technology of Govt. of India.
- **NTSE- National Talent Search Examination** : A national level scholarship program   2014
  in India to identify and recognise students with high intellect and academic talent.

CERTIFICATIONS:

- Machine Learning Engineer Nanodegree - Udacity   Jan 2018
- Algorithms: Design and Analysis (Part 2) - Stanford through Coursera   Aug 2016

TECHNICAL SKILLS :

- Programming Languages : C, **C++**, Python, Java, Rust
- Operating Systems : Mac OS X, Linux(Ubuntu), Windows
- App Development : Android App using Firebase, React-Native App
- Machine Learning & Deep Learning

INTERNSHIP EXPERIENCE:

- **Summer Intern at CodeNation :** Built a tool to prove the equivalence of   May-July 2018
  two Java programs using formal verification in Coq.
- **RGSoC Intern with Mozilla :** Developed support for responsive images on the   (ongoing)
  Servo Browser using Rust programming language. [link]

PROJECTS UNDERTAKEN:

- **Toxic Comment Classifier :** A research on comparison of various multi-label   Jan 2018
  classifiers using problem transformation methods and adaptation algorithms. [link] [blog]
- **Android Shopping App using Firebase and Java Mail API :**   April 2017
  A set of two apps - one for the customers to buy products and place order.
  The other for the owner to maintain the product details and stock. [link]
- **Android app** guided under college prof. made specially for age groups 3 to 5,   Feb 2017
  to teach them number recognition using Tesseract OCR library. [play_store]
- **Convoy's Game of Life** : A simulation game using Quad Trees to   Nov 2016
  improve run-time and space complexities, built using OpenGL.

LEADERSHIP EXPERIENCE:

- **Core Team Member,** Delhi Women in Machine Learning & Data Science   Jan 2018
  Delivered official content for the website.
- **Senior Board Member,** ASN (Algorithm Society of NSIT)   2017-2018
  Organised several SIGs on data structures and algorithms. Motivated juniors towards
  participating in ACM-ICPC.
- **Community Volunteer** at Women Who Code, Delhi Chapter   Feb 2018