

Harsh Goyal

harshgoyal.github.io | fb.co/hgoyal.dps
harshgoyal@gmail.com | 214.609.0798 | hgoyal@cs.utexas.edu

EDUCATION

CORNELL UNIVERSITY
MENG IN COMPUTER SCIENCE
Dec 2014 | Ithaca, NY

CORNELL UNIVERSITY
BS IN COMPUTER SCIENCE
May 2014 | Ithaca, NY
College of Engineering
Magna Cum Laude
Cum. GPA: 3.83 / 4.0
Major GPA: 3.9 / 4.0

LA MARTINIÈRE FOR BOYS
Grad. May 2011 | Kolkata, India

LINKS

Facebook:// dd
Github:// deedydas
LinkedIn:// debarghyadas
YouTube:// DeedyDash007
Twitter:// @debarghya_das
Quora:// Debarghya-Das

COURSEWORK

GRADUATE

Advanced Machine Learning
Open Source Software Engineering
Advanced Interactive Graphics
Compilers + Practicum
Cloud Computing
Evolutionary Computation
Defending Computer Networks
Machine Learning

UNDERGRADUATE

Information Retrieval
Operating Systems
Artificial Intelligence + Practicum
Functional Programming
Computer Graphics + Practicum
(Research Asst. & Teaching Asst 2x)
Unix Tools and Scripting

SKILLS

PROGRAMMING

Over 5000 lines:
Java • Shell • Python • Javascript
OCaml • Matlab • Rails • \LaTeX
Over 1000 lines:
C • C++ • CSS • PHP • Assembly
Familiar:
AS3 • iOS • Android • MySQL

EXPERIENCE

TRUECAR, INC. | MACHINE LEARNING INTERN
June 2016 – May 2016 | Austin, TX

- Developed model to predict whether a TrueCar user would buy a car using past data, from ground up
- Implemented machine best practices and worked with popular Data Science Python libraries
- Worked with a team situated in multiple cities

SAI VOCATIONAL TRAINING CENTER | C.S. TEACHER
March 2014 – March 2015 | Delhi, India

- Taught 60 students in 12-30 age bracket.
- Started with typing, moved to internet usage and ended with Java programming

EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN | C.S.- TURING SCHOLAR
Aug 2015 - Present | Austin, TX

- Current Coursework
- Relevant Past Honors Coursework (H=Hons.):
Data Structures H., Computer Architecture H., Computational Intelligence I,
Linear Algebra H., Vector Calculus H., Discrete Math H.
- Relevant Current Coursework:
Operating Systems, Programming Languages, Computational Intelligence II
- GPA: 3.86

DELHI PUBLIC SCHOOL, NOIDA Mar 2011 – Mar 2015 | Delhi, India
President and founder of **Engima Quiz Society** and Head of Programming in **eSpice Tech Society**

PERSONAL PROJECTS

GENTRIS

Implemented Tetris in Java along with a genetic algorithm to play it.

BOGGLE WORD FINDER

Wrote a program to find words in a grid of letters. Came up with algorithm which provided significant speed improvements.

WEBCRAWLER

Wrote a program to analyse webpages saved locally and be able to return results when queried.