

Harsh Goyal

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AWARDS

Ajit Ramchandani Endowed
Scholarship

Recipient of scholarship awarded by UT
Austin College of Natural Sciences to
International Students on merit basis.

Tech Hunt at IIT Delhi

Winner among 6000 participants for
making a keyboard which can be
controlled with your foot.

Gold Medal

Recipient of award given by high school
for 6 consecutive years of academic
excellence.

SKILLS

PROGRAMMING

Experienced with:

Java • Python • C

Exposure to:

Matlab • C++ •

Visual Basic • \LaTeX

MACHINE LEARNING

scikit-learn • Pandas

• Matplotlib • Seaborn

LINKS

Facebook:// [hgoyal.dps](#)

Github:// [harshgo](#)

LinkedIn:// [harsh-goyal](#)

LANGUAGES

English, Hindi, Marwari

EDUCATION

UNIVERSITY OF TEXAS AT AUSTIN | C.S.- TURING SCHOLAR

Aug 2015 - Present | Austin, TX

- GPA: 3.92
- Relevant Past 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 H., Computational Intelligence II, Algebraic Structures

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**

EXPERIENCE

TRUECAR, INC. | MACHINE LEARNING INTERN

June 2016 – August 2016 | Austin, TX

- Led development on Machine Learning pipeline using AdaBoost to predict how likely it is that a Truecar user will buy a car- one of the most requested customer requests.
- Interacted with Big Data technologies like Hive to get and filter data.
- Delivered a talk to introduce developers to Machine Learning and Data Science.

SAI VOCATIONAL TRAINING CENTER | C.S. TEACHER

March 2014 – March 2015 | Delhi, India

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

PERSONAL PROJECTS

NEURO-EVOLUTION TANKS

Used genetic algorithms to train neural networks for in-game agents which collect mines on a gameboard.

WEBCRAWLER

Programmed a Java application which crawls through a Web, analyzes the HTML data, and can act like a search engine over it. Built a parser for queries entered by the user.

GENTRIS

Used Genetic algorithms in Java to create a program which is able to play Tetris.

COMMUNITY INVOLVEMENT

Machine Learning and Data Science	Officer. Created teaching material for and taught Machine Learning. Organized Kaggle competitions.
Turing Scholars Student Association	Elected official. Organized 10+ events for Turing Scholars Students.
UT Computer Science Ambassador	Appointed by UT Computer Science department as student ambassador.
UT RHC	Elected officer for Residence Hall Council