

# Harsh Goyal

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## SKILLS

### MACHINE LEARNING

Led development of **ML models** at previous internship.

Completed **Andrew Ng's Machine Learning course** on Coursera

### PROGRAMMING

Experienced with:

Java • Python • C

Exposure to:

Matlab • C++ • x86-64 and PowerPC  
Assembly •  $\LaTeX$

## 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.

## LINKS

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

Github:// [harshgo](#)

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

## LANGUAGES

English, Hindi, Marwari

## EXPERIENCE

### TRUECAR, INC. | MACHINE LEARNING INTERN

June 2016 – May 2016 | Austin, TX

- Led development of model from ground up to predict whether a TrueCar user would buy a car using past data on user behavior, demographics etc.
- Implemented machine best practices and worked with popular Data Science Python libraries.
- 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 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

### WEBCRAWLER

Built a program which is able to index webpages and can return relevant results based on queries

### BOGGLE WORD FINDER

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

### NEURO-EVOLUTION TANKS

Built a program which trains Neural Networks using neuro-evolution for a game involving tanks. Inputs were positions of the tank and the nearest mine, and the output the speed of tank's wheels.

## COMMUNITY INVOLVEMENT

TSSA	Elected Board member of the Turing Scholars Student Association
UTCS Ambassadors	Official UT Computer Science student ambassador
MLDS	Officer for Machine Learning and Data Science student organization
UT RHC	Elected Member of the UT Residence Hall Council