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++ •
x86-64 and PowerPC Assembly • 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
- Relavent Past Honors Coursework (H=Hons.):
  Data Structures H., Computer Architecture H., Computational Intelligence I, Linear Algebra H., Vector Calculus H., Discrete Math H.
- Relavent 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 of model from ground up to predict whether a TrueCar user would buy a car using past data – one of the most requested customer features.
- Implemented machine learning 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

PERSONAL PROJECTS

NEURO-EVOLUTION TANKS
Worked in a team to build a program in Python which trains neural networks using genetic algorithms for tanks on a gameboard which collect mines.

WEBCRAWLER
Built a program using testing-based development which can crawl through websites, analyze the underlying HTML and return search results based on queries.

GENTRIS
Programmed a playable Tetris game. Also built a program which can play the game using Genetic Algorithms.

COMMUNITY INVOLVEMENT

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