Anmol Mahajan   **Graduate Research Assistant, University of Alberta**

CONTACT INFORMATION	Department of Computing Science		Office	Athabasca Hall 1-55
	University of Alberta		Cell:	587-937-5606
	Edmonton, Alberta		E-Mail:	mahajan@ualberta.ca
	T6G 2E8			

RESEARCH AREA   My research interest lies within the mixed domains of artificial intelligence, machine learning and deep learning. I am deeply interested in exploring how transfer learning can be used in different real-world applications. Moreover, I want to improve the performance and efficiency of these machine learning/deep learning techniques on tasks related to multiple domains.

EDUCATION

University of Alberta
MSc in Computing Science   **2019 - 2020**
GPA : 3.85/4.00
Supervisor : Dr. Matthew Guzdial

Jaypee University of Information technology, Himachal Pradesh, India
B.Tech. Computer Science and Engineering with Honors   **2015 - 2019**
CGPA : 9.0/10.0

PROFESSIONAL EXPERIENCE

Graduate Teaching Assistant (GTA) : University of Alberta   **January - April, 2020**
Computer Networks (CMPUT 313)

Graduate Teaching Assistant (GTA) : University of Alberta   **September - December, 2019**
Computer Organisation and Architecture (CMPUT 229)

Research Intern : Indian Statistical Institute (ISI), Kolkata   **May – July, 2018**
Worked on Time Memory Data Trade-off Attack on Data Encryption Standard (DES) under Dr. Subhamoy Maitra, Applied Statistical Unit, ISI, Kolkata

ACM Summer School : Indian Statistical Institute (ISI), Kolkata   **June 2018**
Attended ACM Summer School on Cryptology Research and Cryptanalysis under Dr. Subhamoy Maitra at ISI, Kolkata

BACHELORS FINAL YEAR THESIS

TMDTO on DES and 3-DES
Supervisor : Dr. Suman Saha
Implementation and evaluation of Time Memory Data Trade-Off Attack (TMDTO) on Data Encryption Standards (DES) and Triple Data Encryption Standards (3-DES) Algorithms.

PROJECTS

Gamify   **2020**
Create game levels from images using PCG and ML techniques

KGXAI   **2020**
Rule Mining from Knowledge Graphs using Evolutionary Algorithm

Breast Cancer Classification on BreakHisv2   **2019**
Breast Cancer Classification from Histopathological Images using Fast.AI

	Breast Cancer Classification : Comparison of ML Techniques	**2019**
	Evaluation of different ML techniques on Breast Cancer Wisconsin (Diagnostic) Dataset	
	Medicate	**2017**
	A better emergency logistics service for ambulances and hospitals	
	Codle	**2017**
	Platform to organize competitive programming contests	

KEY COMPETENCIES Programming Languages : C, C++14, Java, Python, HTML/CSS, PHP
Libraries : PyTorch, NumPy, Pandas, Fast.AI, AllenNLP
Utilities : Google Colab, Jupyter Notebook, Anaconda, Google Cloud
Softwares and Tools: Matlab, Android Studio, CISCO Packet Tracer, CNET

POSITION OF	Chairperson of ACM (Association for Computing Machinery) JUIT Student Chapter	**2018**
RESPONSIBILITY	Member of Organizing Committee in Springer International conference on Futuristic Trends	**2018**
	in Network and Communication Technlogies (FTNCT)	
	Programming Team Head of ACM (Association for Computing Machinery) JUIT Student Chapter	**2017**
	Student Coordinator of JUIT Hackathon organized by ACM – JUIT Student Chapter	**2017**
	Student Coordinator for JUIT Smart City Hackathon	**2017**
	Student Volunteer in IEEE Int. Conference on Parallel, Distributed and Grid Computing(PDGC)	**2016**
	Student Coordinator for organizing workshop on Massive Open Online Courses (MOOCS) at JUIT	**2016**

ACHIEVEMENTS	Galactic Problem Solver: Special Appreciation at NASA International Space Apps Challenge	**2017**
	Google Codejam Round 1	**2017**
	2nd position in Codez: Programming competition at MURIOUS XI	**2017**
	2nd position in presenting Innovative Idea at JUIT, Himachal Pradesh	**2017**
	1st position in Exposicion: Project Display at MURIOUS XI	**2016**

EXTRA CURRICULAR	Member of Arts Club in Jaypee Youth Club (JYC)	**2016 - 2017**
	Member of Rotaract Wakhnaghat (NGO) (District 3080)) (District 321 A2)	**2015 - 2017**
	Best Caricaturist at Jaypee Youth Parliament (JYP)	**2016**
	Best Caricaturist in JUIT MUN (Model United Nations)	**2016**

INTERESTS AND   Photography
HOBBIES   Sketching