

## Aashish Dhawan

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- EDUCATION**
- University of Florida**, Florida  
*PhD*, Computer Science and Engineering(CSE)  
2021-2025
- JMIETI, Kurukshetra University**, Kurukshetra  
*Bachelor of Technology (B. Tech)*, Computer Science and Engineering(CSE)  
2015-19 Percentage: 70.0%
- Aggarsain Public School**, Kurukshetra, Haryana  
*Class XII (Senior Secondary Examination)*, CBSE  
July 2015 Percentage: 70.6%
- Aggarsain Public School**, Kurukshetra, Haryana  
*Class X (Secondary Examination)*, CBSE  
July 2013 CGPA: 8.6/10.0
- EXPERIENCE**
- Teaching Assistant (Operating Systems) at **CISE, University of Florida**, January 2021- Present
- Worked under the guidance of **Mr. Pankaj Bodani** at **Space Applications Center(SAC), ISRO**, June-August 2018
- Worked at **UBTECH Sydney AI center** under the guidance of **Dr. Dacheng Tao**, **University of Sydney**, December 2019-March 2020
- PUBLICATIONS**
- “**Post processing of Image Segmentation using Conditional Random Fields**”,  
– **13th INDIACOM 2019; 6th International Conference on Computing for Sustainable Global Development**, 13th -15th March 2019
- “**A Review on Domain Adaptation and Generative Adversarial Networks(GANs)**”,  
– **NCFSTM-2020**, 23rd January 2020
- TECHNICAL SKILLS**
- Languages** : Python, C++, C, JAVA, Embedded C  
**Databases** : MySQL, SQLite  
**Tools/Frameworks** : Pytorch, Tensorflow, Numpy  
**General** : Data Structures, Algorithms, Object Oriented Programming
- PROJECTS**
- Multi-Source Domain Adaptation**  
**December '19-March 2020**  
A machine learning based image classification model to train and test on different domains of same images (clipart/paintings/sketch - Real).
- Post Processing of Image Segmentation using Conditional Random Fields**  
**June-August 2018**  
A machine learning based model to post process segmented images to get a better, clearer output for satellite imagery.
- Gesture Controlled Robotic Arm** **August-November 2017**  
A gesture controlled Robotic arm designed using Arduinos and OpenCV that can interpret the actions of its user.
- Healthcare Website** **June-August 2017**  
An online portal designed to be used by patients to book appointments, renew prescriptions and get test results.

Management Systems in JAVA

March-May 2017

Smart Water Tank using Arduino

September 2016

## CERTIFICATIONS

- **Python Programming** by TCS iON  
Credential ID: 89593-3596883-1016
- **C Language** registered with DIC(Govt. of Haryana)  
Registration ID: C-10342
- **C++ Language** registered with DIC(Govt. of Haryana)  
Registration ID: CPP-3713816
- **Java and MySql** by SunWeb Technologies, Chandigarh  
Registration ID: SUNMC2009
- **Machine Learning** by Stanford on *Coursera*  
*Credential ID: S5CPSMAGVQBW*
- **Deep Learning** by deeplearning.ai on *Coursera*  
*Ongoing*
- **CS231N** by *Stanford*
- **Deep Learning with Pytorch** by *Datacamp*  
*Credential ID: 11780079*
- **Introduction to Quantum Computing** by *Linkedin Learning*
- **The Introduction to Quantum Computing** by *Saint Petersburg State University* on *Coursera*  
*Ongoing*

## RELEVANT COURSES

- Data Structures • Object Oriented Programming • Operating System
- Database Management Systems • Computer Graphics and Animation
- Neural Networks • Object Oriented Software Engineering
- Software Testing • Parallel Computing • Design and analysis of Algorithms

## ADDITIONAL ACTIVITIES

- Head of Student Body, Computer Society of India, JMIETI
- Head of Photography Club, JMIETI
- Member of college football team, 2015-2016
- Member of JMIETI Music band, 2017-2019
- Climbed Kuari Pass Summit, Himalayas (4264 metres) - 31 december 2019