

Arvind Sharma

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EDUCATION

SASTRA Deemed to be University

Bachelor of Technology in Computer Science Engineering

Thanjavur, Tamil Nadu

June 2020

- **Cumulative GPA:** 8.5411
- **Awards & Honors:** Dean's Merit List for Top 10 percent in Academic Year 2016-17, 2017-18, 2018-19, 2019-20;
- **Selected Coursework:** Programming in C++, Data Structures, Digital Image Processing, Data Mining and Warehousing, Machine Learning Techniques

WORK EXPERIENCE

Tata Consultancy Services

Systems Engineer

Chennai, Tamil Nadu

October 2020 – Present

Selected Project Experience:

- Telefonica, UK
 - Tech Stack: Big Data (Hadoop, Hive), Machine Learning.
 - Monitoring of NetPulse module to provide key insights about the customers.
 - Monitoring of INCAS, Machine Learning Module to provide accurate prediction of Customer Satisfaction with the service/

Universitat Autònoma de Barcelona

Research Intern, Centre de Visió per Computador

Barcelona, Spain

February 2020 – July 2020

- Exchange Student Program for Final Semester Project.

Selected Project Experience:

- Acquisition of Hyper Spectral Images and Pre-Processing
 - Images are captured using special cameras that allows capturing of Multiple Bands in comparison to normal RGB Images.
 - Pre-Processed the Images to collect Multiple Bands of an Image and form a Band Cube containing information of same Image in different bands.
- Semantic Segmentation Network for Classification
 - Band Cube of an Image and its corresponding Annotated Images is fed to U-Net model.
 - Designed a model that trains on multiple channels to get accurate information of different objects in the Image.
 - Used the trained model to predict for new Images.

BroadSoft

Intern

Chennai, Tamil Nadu

November 2017 – December 2017

- Got hands on experience with Software Development and different Practices. I was assigned to Development team.
- Created a responsive template using HTML and CSS.

EXTRACURRICULAR ACTIVITIES

Turing Club (Machine Learning Club of SASTRA)

Member

Thanjavur, Tamil Nadu

June 2019 – Present

- Actively Participated in Group Meetings to learn new Techniques.
- Participated in Content Writing and Question Framing for new recruitments.

SCORE (SASTRA Community Outreach Program)

Member

Thanjavur, Tamil Nadu

August 2016 – Present

- 100 hours of services to give back to Community.
- Went to nearby village to survey rural people to provide them with basic needs and services to help them.

Computer Society of India

Member

Thanjavur, Tamil Nadu

August 2018 – Present

ADDITIONAL

- Cricket player having represented School teams and Club teams in State Level Tournament. Football player having represented School for Inter-School tournament. Follow Badminton, Tennis and Mixed Martial Arts, Motor Sports closely.
- Interested in Sketching, Movies and Theater, Photography, Music and Books.