

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.