Arvind Sharma

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EDUCATION

SASTRA Deemed to be University   **Thanjavur, Tamil Nadu**
Bachelor of Technology in Computer Science Engineering   *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   **Chennai, Tamil Nadu**
Systems Engineer   *October 2020 – Present*
Selected Project Experience:
- *Telefonica, UK*
    – Monitoring of Big Data modules, which provides key insights about the customers.
    – Monitoring of Analytics Application that provides accurate prediction of Customer Satisfaction with the service.

Universitat Autònoma de Barcelona   **Barcelona, Spain**
Research Intern, Centre de Visió per Computador   *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   **Chennai, Tamil Nadu**
Intern   *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)   **Thanjavur, Tamil Nadu**
Member   *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)   **Thanjavur, Tamil Nadu**
Member   *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   **Thanjavur, Tamil Nadu**
Member   *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.