आकाश अग्रव

AAKASH AGGARWAL

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PROFESSIONAL EDUCATION

Amity School of Engineering and Technology, Amity University, **Noida**   **2010-2014**

Bachelor of Technology specializing in Electronics and Communications Engineering

ACADEMIC PROJECTS

Final Year Research Project- Digital Image Watermarking, Amity University   **Jul'13-May'14**

- Designing a reversible watermarking algorithm using TNG function on ophthalmic images to watermark patient's details on digital ocular fundus images without impacting diagnostic information on the image.
- **Technologies Involved:** MATLAB, Java

Genre Based Classification and Recommendation of Music, Amity University   **Jan'13-Sept'14**

- Genre classification and music recommendation after retrieving similarities from sample audios using MFCC algorithm and classifying using K-means algorithm.
- Paper in review, pending publication to IJERT.

WORK EXPERIENCE

Ericsson India Global Services, Gurgaon   **Nov'14-Current**

Network Engineer- RF Optimization and Network Design

- Worked in different markets (India, Brazil and US) on different operators (Airtel-India, TIM-Brazil, T Mobile-US)
- Currently handling Auditing, optimization and planning of WCDMA, LTE and GSM Network
- Recently involved in testing and optimization of new WCDMA features to enhance user experience, reduce drop calls and improve data rates.
- Mentoring new joiners and interns and training experienced co-workers in new Radio features and automation methodologies.

INTERNSHIPS

MAX Healthcare, Gurgaon   **Jul-Aug'13**

- Interned in Data Analysis at Department of Medical Administration, carried out data crunching and filtering and provided data sanity reports and assisted on database maintenance.

NTPC Ltd., New Delhi   **May-Jun'13**

- Intern at Control and Instrumentation, worked on Data Acquisition System through Distributed Control system, reported a paper on power line communication and SCADA

TECHNICAL SKILLS

- **Software Skills**   **:** Java, Python, HTML5, Jscript, Shell Scripting
- **Wireless and Networking :** WCDMA, LTE, GSM
- **Operating Systems**   **:** Windows, Linux/Unix
- **Applications and Tools**   **:** MATLAB, EDOS, Wireshark, GNU Radio, Putty

CERTIFICATIONS

- **Ericsson Certified Associate- Radio Network Optimization**, License Reg#290458948   **Sept'15**
- **Ericsson Certified Associate- Radio Network Design**, License Reg#288043643   **Nov'15**
- **Six Sigma Green Belt, BSI**, License AUBSI-SSGB01-1414-0001   **Mar'14**

ACHIEVEMENTS

- Ericsson Rockstar Power ACE Q1'2016 and Ericsson Rockstar ACE Award Q3'2015
- Second among more than 1000 entries at paper presentation at an IEEE event at Amity University, Sep'12
- Stood 1st in International Informatics Olympiad in Grade 10th in my category, 2007