

SONU MEHTA

Dept. - Computer Science

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EDUCATION

INDIAN INSTITUTE OF TECHNOLOGY, JODHPUR

Jodhpur, India

B.Tech, Computer Science and Engineering

2011-2015

- Graduated at the **top** of my class of 150 students with GPA **9.95/10**
- Nominated for the Best B.Tech Project in the final year

AISSCE (All India Senior School Certificate Examination)

Jodhpur, India

Central Board of Secondary Education (CBSE), Delhi Public School Jodhpur

2010

- Scored **95.6%** securing position in TOP 10 students in India

Secondary Examination

Jodhpur, India

Rajasthan Board of Secondary Education (RBSE)

2008

- Scored **94.17%** securing **11th** Merit position amongst 9 hundred thousand students

WORK EXPERIENCE

MICROSOFT INDIA (R&D)

Hyderabad, India

Software Engineer

June 2015- Present

- Significantly contributed to the release of SCVMM (System Center-Virtual Machine Manager) R2 and Threshold versions
- Took the responsibility of owning an altogether new feature (Storage Replica for Disaster Recovery) within 2 months of joining

INTERNSHIP

MICROSOFT INDIA (R&D)

Hyderabad, India

Software Engineering Intern

May 2014-July 2014

- Developed Azure Mobile Services Adapter for Biztalk Services
- Prepared Software Requirements Specification document, developed and thoroughly tested the adapter including end-to-end testing much before the stipulated deadline and developed a demo app to present it before the entire team

ACADEMIC ACHIEVEMENTS

- *President's Gold Medal* for the best academic performance amongst all engineering streams of the undergraduate program at IIT Jodhpur*
- *Proficiency Medal* for the best academic performance in Computer Science and Engineering Stream at IIT Jodhpur*
- *Academic Excellence Award* for the best academic performance for 3 consecutive years 2011-12, 2012-13, 2013-14
- *Silver Medal* for securing 11th position in top 15 students out of 9 hundred thousand students in the secondary examination 2008
- *Best Student* of the year 2008 awarded to the student with the best overall performance
- *Brilliant Student Award* by Hon'ble Pratibha Patil (Ex. President of India) in the year 2006

ACADEMIC PROJECTS

- **Facial Expression Recognition (Btech Project)** Aug '14-Apr '15
Implemented Interval Algebra Bayesian Network exploiting spatio-temporal relations among facial muscles
Implemented SVM and Modified SVM (combined with Fischer Linear Discriminant) for enhanced results
- **AI for Natural Language Interface** Apr '14
Explored and presented a short report on syntactic, semantic & pragmatic analysis used for NLP & Human Computer Interaction
- **Seam Carving** Dec '12
Implemented Content-Aware Image Resizing method using Dynamic Programming in Matlab
- **Diffie Hellman Key Generation** Mar '13- Apr '13
Studied various key establishment protocols based on the extension of diffie hellman key generation process on ring of nxn matrices over a field of order 2
- **Model of Air Traffic Control:** Modelled a GUI platform for ATC which generates planes on clicking. A scheduling algorithm was implemented to make planes land without collision Aug '13
- **Clone of Social Networking website:** Implemented a clone of Social Networking website using PHP and MySQL Mar '14
- **Clone of MSPaint:** Designed and implemented UML design of MsPaint in Python Oct '13

EXTRA-CURRICULARS

- Won 2nd and 3rd prize in institute level Programming events organized in Technical festival -2011
- Coordinated Spell-Bee and other literature events at inter-college festival and anchored on various national day celebrations
- Mentored a group of 5 students in basic C programming
- Member of Marketing & Press Team, publicized college festivals by writing articles and blogs

* To be awarded in the next convocation of IIT Jodhpur.