

RAGHAV JAJODIA

PERSONAL DATA

DATE OF BIRTH: 19 September 1993
EMAIL: raghav_jajodia777@rediffmail.com

WORK EXPERIENCE

<i>Current</i> AUGUST 2016	Microsoft India Development Center, Hyderabad – Software Engineer Worked in the Retail team of Bing organization. Developed an internal dashboard to quick fix the Retail data on Bing.com and Microsoft Knowledge Graph in seconds. Worked on the conflation of 30 Million Retail Products from different providers and ingestion in Microsoft Knowledge Graph
JAN-JULY 2016	Microsoft Research, Bangalore – Research Intern Worked on DebugAdvisor, a debugging and recommendation system which finds people, sources and relationships from any fat query. Worked on TitanGraph Database, SQL Server 2016, R programming and C#. Worked on research project “Pollution Monitoring in India”. Studied and carried out experiments to collect the PM2.5 data, calibrate and compare monitoring sensors, and derive interesting correlations and trends from the pollution data
MAY-JULY 2015	EdgeVerve Systems Limited, Bangalore - Software Engineering Intern Developed “Knowledge Management System” for the organization, currently deployed and being used by the employees. The project involved extracting summary of the work emails and developing a search engine for knowledge. Worked on MongoDB, Flask, NLP summarization, HTML5, Bootstrap and jQuery
MAY-JULY 2014	Global Logic, Nagpur – Software Engineering Intern Developed mobile app “Virtual Cart” enabling user to do physical shopping while creating the cart on user’s phone. Using product scanning, user can manage the cart virtually, see product real-time offers and pay quick bills. App was built using jQuery Mobile and Phonegap. Also developed the backend server in C# and ASP.NET

EDUCATION

2012-2016	Bachelor of Engineering (Hons.) in COMPUTER SCIENCE BITS Pilani , Pilani Campus, India CGPA: 8.75/10
2012	Higher Secondary Examination (12th standard), CBSE Board N.K Bagrodia Public School , Delhi, India PERCENTAGE: 93.8%
2010	Higher Secondary Examination (10th standard), CBSE Board N.K Bagrodia Public School , Delhi, India CGPA: 9.8/10

SCHOLARSHIPS AND ACHIEVEMENTS

2012-2016	Awarded Merit Cum Need Scholarship for all the 8 semesters
2014	Secured first position at PROJECT:PROTOTYPE, APOGEE 2014, technical festival of BITS Pilani, Pilani Campus
MARCH 2015	Winner at Microsoft hackathon - Code.Fun.Do. Developed a windows game application in 24 hours

RESEARCH PROJECTS

<i>August-December 2015</i>	INSPIRE Lab, BITS Pilani Supervisor: Prof Avinash Gautam, Prof Sudeept Mohan Navigation of the mobile robot using eye gestures. Worked on face detection using viola jones algorithm, eye location estimation and pupil detection. Converted the analogous pupil location to discrete directional commands and interfaced epuck bot with the system
<i>August 2014 – December 2014</i>	Machine Vision Lab, CEERI Pilani Supervisor: Dr Jagdish Raheja, Dr Dhiraj Sangwan Detection and location of human figures in surveillance video. Used Computer Vision techniques like background subtraction and contour detection to locate the blob. Detection of humans inside the moving contour is done by deep learnt CNN models
<i>August 2014 – December 2014</i>	WPN Lab, BITS Pilani Supervisor: Dr Rahul Banerjee Project Communicate: Worked on “Air Canvas” HCI project, to draw and paint on screen using gestures and voice. Worked on object detection through computer vision which helped in replacing the Kinect with a simple RGB camera

SKILLS AND INTERESTS

Programming languages	C++, C# , R, Java, Python, SQL, HTML, JavaScript, jQuery, ASP.NET, Verilog, Assembly
Software/Editors knowledge	Matlab, Latex, VIM, Git, IBM SPSS
Research Interests	Computer Vision , Deep learning, Machine Learning