

**Bio-data submitted to Morgan Stanley Advantage Services
(Company/organization)**

For the post of: Morgan Stanley Advantage Services IT Analyst Training Program

Key Instructions:

- 1) Please contact the Placement Office for details about our visit to your campus and details of the position we are recruiting for. To know more about Morgan Stanley, please visit us at www.morganstanley.com/careers
- 1) Eligible Disciplines: Bachelor's or Master's degree in Computer Science or Information Systems. We also accept other engineering disciplines if students have done significant computer systems and programming coursework.
- 2) The following format is desirable but not mandatory. You may submit your resume in a custom format, but including the information from this format.
- 3) Please name your resume file in this format: "FirstName_LastName_BITSId.doc"
- 4) Student coordinator to send consolidated resume list of eligible students before the prescribed end date – 15th January, 2014.

1. PERSONAL DETAILS

Name: Aayush Ahuja

BITS ID: 2010A7PS023P

BITSAT Score (If Applicable): 395/450

2. ADDRESS

CURRENT	PERMANENT
<u>Room No. 157, Ashok Bhawan, BITS-Pilani, Pilani, Rajasthan 333031</u>	1-C-40, LAJPAT NAGAR-1, NEW DELHI 110024
MOBILE NO: 9602904775	TELEPHONE (HOME): 9910550118



E-mail: aayushahuja@gmail.com

3.

DATE OF BIRTH: 15 Sep 1992

SEX: MALE

MARITAL STATUS: Single

NATIONALITY: INDIAN

EDUCATION DETAILS

Course	I.Sc/H.S./P.U.	B.Tech/BE	MTech/ME/MCA
Graduation Date		May 2014	
Branch		Computer Science	
Main Subjects Studied		Data Structures and Algorithms, Operating Systems, Computer Networks, Database Systems, Programming Languages and Compiler Construction, Advanced Computer Architecture, Theory of Computation, Data Mining	
Institution		BITS-PILANI, PILANI CAMPUS	

Year of Passing		2014	
Class		First	
Academic Distinctions			

GRADE POINT AVERAGE / MARKS

COURSE	B.Tech/BE				MTech/ME/MCA	
	I YEAR	II YEAR	III YEAR	IV YEAR	I YEAR	II YEAR
ODD SEM.	6.63	6.89	6.59	7.1		
EVEN SEM.	7.11	6.59	6.64			
SUMMER TERM		6.75				
CGPA FOR 7 SEMESTERS: 7.1						

PROJECT WORK

AREA OF SPECIALIZATION	ABOUT THE PROJECT (ROLE/ TECHNOLOGY/BRIEF PROJECT DESCRIPTION)
SEMESTER LONG PROJECTS COMPLETED:	IMPROVING SECURITY OF BITS NETWORK: <ul style="list-style-type: none"> UNDERSTOOD VULNERABILITIES, EXPLOITS AND NETWORK SECURITY AND IMPLEMENTATION THROUGH PENETRATION TESTING SUGGESTED WIRELESS SECURITY INFRASTRUCTURE USED PYTHON AND SHELL SCRIPTS COMPLETED UNDER PROF. J.P. MISHRA SERVER-CLIENT MODEL FOR UNUSUAL ACTIVITY DETECTION <ul style="list-style-type: none"> DETECTS UNUSUAL ACTIVITIES LIKE BREACHES IN HIGH-SECURITY AREAS AND SUBSEQUENT TRACKING OF THE PERSON USING MULTIPLE CAMERAS IMPLEMENTED STREAMING SYSTEM AND VIDEO LOGGING IN PYTHON AND C COMPLETED UNDER CEERI SCIENTIST ANIL KUMAR SAINI COMPILER CONSTRUCTION <ul style="list-style-type: none"> DEVELOPED COMPILER FOR A GIVEN TOY LANGUAGE IMPLEMENTED LEXER, PARSER, SYMBOL TABLE AND ABSTRACT SYMBOL TREE FINALLY GENERATED WINDOWS x86 MACHINE CODE WRITTEN IN C
SHORT TERM PROJECTS	PRODUCT POPULARITY ANALYSIS <ul style="list-style-type: none"> RATES A PRODUCT BASED UPON USER REVIEWS FROM ONLINE SHOPPING SITES LIKE FLIPKART AND AMAZON PYTHON AND NLTK-TOOLKIT USED FOR ANALYSING REVIEWS AND GENERATING RATING

	EX-OPTI EXPENSE MANAGEMENT SYSTEM <ul style="list-style-type: none"> • AN EXPENSE MANAGEMENT SYSTEM HOSTED ON THE CLOUD AND MEANT TO BE ACCESSIBLE THROUGH ANY DEVICE OR PLATFORM • WRITTEN IN PYTHON AND GOOGLE APP ENGINE • HTTP://EX-OPTI.APPSPOT.COM/ VEHICLE ACCIDENT REPORTING SYSTEM <ul style="list-style-type: none"> • DETECTS ACCIDENT OF A MOBILE VEHICLE AND NOTIFIES NEARBY HOSPITALS FOR RESCUE OPERATIONS. • WON 2ND PRIZE IN APOGEE 2011 • WRITTEN IN C
--	--

COMPUTER LANGUAGES KNOWN

LANGUAGE	SKILL LEVEL		
	BEGINNER	INTERMEDIATE	ADVANCED
C			YES
C++			YES
PYTHON			YES
JAVA		YES	
SQL		YES	
SHELL SCRIPT		YES	
HTML		YES	
MATLAB	YES		

INTERNSHIPS / PRACTICAL TRAINING

NAME OF THE COMPANY	PERIOD	JOB DESCRIPTION
GOOGLE SUMMER OF CODE	MAY 2013 – OCT 2013	<ul style="list-style-type: none"> • Developed Python API for controlling and testing Gst-Switch • Implemented Continuous Integration on Travis-CI • Wrote unit tests and integration tests which improved code coverage from 60% to 85%
SYMANTEC SOFTWARE SOLUTIONS, BANGALORE	JUL 2013 – DEC 2013	<ul style="list-style-type: none"> • Built a Build Verification Engine for automating regression testing of VIP Enterprise Gateway • Made testing for a large build matrix comprising of various operating systems and LDAP servers possible • Improved upon manual testing and reduced time taken by over 1000 times

NTPC FARIDABAD	MAY 2012 – JUL 2013	<ul style="list-style-type: none"> Redesigned existing database schema making it more efficient and manageable Implemented web-based applications and redesigned the intranet website of the company
-----------------------	----------------------------	--

EXTRA-CURRICULAR ACTIVITIES

HOBBIES/LIBRARY ACTIVITIES	SPORTS AND GAMES	OTHER ACTIVITIES
<ul style="list-style-type: none"> Play flute 	<ul style="list-style-type: none"> CRICKET, FOOTBALL 	<ul style="list-style-type: none"> ONLINE GAMING

DISTINCTIONS

POSTS HELD	PRIZES WON	OTHER DISTINCTIONS
<ul style="list-style-type: none"> Founding member and tech head for Gaming Club. Organized Armageddon and Cube Open in Apogee Member of Ragamalika, classical music club as a flautist 	<ul style="list-style-type: none"> 3rd position in Google Hack 2012, Code for a Cause, New Delhi for Indian Language Signboard Reader Secured India rank of 33 in National Science Olympiad, 2010 Received Dharamveer Memorial Award for topper in Computer Science in Class XII 	

DATE: 15 Jan 2014

SIGNATURE: