

Sakshi Udeshi

AH3-108, BITS, Pilani, K.K. Birla Goa Campus,
NH-17B, Zuari, Goa - 403726.
+91-9637276376
f2012628@goa.bits-pilani.ac.in
saks.udeshi@gmail.com

EDUCATION

Birla Institute of Technology and Science, Pilani

M.Sc. (Tech.) Information Systems

*Expected graduation: **May 2016***

C.G.P.A. **7.85/10** (*As of Jun 2015*)

Major G.P.A **8.43/10** (*As of Jun 2015*)

Major Courses

Design and Analysis of Algorithms
Principles of Programming Languages
Data Structures & Algorithms
Object Oriented Programming
Software Engineering
Software Testing

Foundation and Humanities Courses

Principles of Management
Probability and Statistics
Modern Political Concepts
Fundamentals of Finance and Accounting
Electrical Science
Math I, II, III

SKILLS

Technical Skills

- Programming Languages
 - Skilled: C++, C
 - Used: nesC, Processing, L^AT_EX, JavaScript, Python, Java

Miscellaneous

- Operating systems: Unices, Windows, TinyOS
- Proficient with most standard office software (MS Office, Google Docs, etc)

EXPERIENCE

Housing.com

Jul - Dec 2015

Software Development Intern;

- Working on the testing, development and refactoring of the Housing tiling server. Boost C++ Library, Google Maps JavaScript API, Python unittest were some of the technologies used.
- Part of the Routing development team. Developed software suites to test sanity of the service. Also developed a suite to test the routing service with all establishments.
- Developed a web-app to analyze PostGIS query result and use the Google Maps API to represent it on the map.

Indian Red Cross Society

May - Jul 2014

Technical intern; Created a certificate tracking portal

Professional Assistant; Journalism

Jan - May 2014

Handled course logistics; Helped design the course and the evaluation components

CIMA Global Business Challenge

Dec 2012

Participated in the western round; Presented detailed analysis on the given case study

ACADEMIC EXPERIENCE

Wireless Sensor Networks

Aug 2014 - Jun 2015

RSSI based indoor localization with interference avoidance for wireless sensor networks using an anchor node and sectorized antennas. We used MICAz motes to test the hypothesis.

Testimonial Portal	<i>Aug - Dec 2014</i>
Developed and deployed a testimonial portal on the CodeIgniter web framework as a part of the Software Engineering project. Used the MVC architecture and gained hands-on experience working of a full fledged web portal.	
Disease Management Database	<i>Jan - May 2014</i>
Developed a database to classify and store diseases as a part of Database Systems & Applications	
Bank Account Simulator	<i>Aug - Dec 2013</i>
Developed a bank account simulator in Java as a part of Object Oriented Programming	

ACADEMIC HONORS

- Obtained the highest G.P.A in Information Systems (2012 batch) for the Second Semester 2013-14 and Academic Year 2014-15
- Qualifying Examinations
 - Maharashtra HSC (*March 2012*) - 87% (99.4th percentile)
 - AISSE 2010 (*March 2010*) - 92.6% (9.6 G.P.A.)
- SAT General Test
 - 2240/2400 (800/800 in Math)
- SAT Subject Test
 - 800/800 in Math I
 - 800/800 in Physics

EXTRA - CURRICULARS

- Winner: BITS Quizzing League 2014
- Runner-Up: Quark National Quiz 2014
- Runner-Up: Mathfest Quiz 2014
- Participant: BITS Debating League 2013

ACTIVITIES Literary and Debating Club, Quiz Club

HOBBIES Football, long distance running, quizzing