

Sakshi Udeshi

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| EDUCATION | Birla Institute of Technology and Science, Pilani M.Sc. (Tech.) Information Systems <i>Expected graduation: May 2016</i> C.G.P.A. 7.85/10 <i>(As of Jun 2015)</i> Maharashtra HSC <i>(March 2012)</i> 86.67% AISSE <i>(March 2010)</i> 92% (9.6 G.P.A.) |
| COURSES | Design & Analysis of Algorithms, Principles of Management, Fundamentals of Finance and Accounting, Probability & Statistics, Object Oriented Programming, Software Engineering |
| SKILLS | |
| Technical Skills | Programming Languages – Skilled: C++, C – Used: nesC, Processing, L ^A T _E X, JavaScript, Python, Java |
| EXPERIENCE | <div><div>Housing.com <i>Jul - Dec 2015</i></div><div>Software Development Intern; – Working on the testing, development and refactoring of the Housing tile 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 in the Indian metro cities – Developed a web-app to analyze PostGIS query result and use the Google Maps API to represent it on the map</div><div>Indian Red Cross Society <i>May - Jul 2014</i></div><div>Technical Intern; – Developed an in-house portal to track St John. First Aid Training Certificates certificates – Set up a social media outreach platform for the Indian Red Cross</div></div> |
| ACADEMIC EXPERIENCE | <div><div>Wireless Sensor Networks <i>Aug 2014 - Jun 2015</i></div><div>RSSI based indoor localization with interference avoidance for wireless sensor networks using an anchor node and sector antennas. We used MICAz motes to test the hypothesis. – Achieved time synchronization in hierarchical topology and localized motes using sector antennas – Developed and deployed a method to estimate the distance of motes using RSSI values</div><div>Bank Account Simulator <i>Aug - Dec 2013</i></div><div>Developed a bank account simulator in Java as a part of Object Oriented Programming</div></div> |
| ACADEMIC HONORS | Obtained the highest G.P.A in Information Systems (2012 batch) for the Second Semester 2013-14 and Academic Year 2014-15 |
| ACTIVITIES | Literary and Debating Club, Quiz Club, Department of Sponsorship and Marketing |