

EDUCATION

- Master of Science in Computer Science [Expected 2018]
 - University of Houston – Houston, Texas
- Bachelor of Engineering in Information Technology (8.35/10) [2015]
 - Bhilai Institute of Technology – Durg (India)

RELEVANT COURSEWORK

- Programming Languages (Fall 2016), Introduction to Interactive Game Development (Fall 2016)
- Software Engineering, Data Structures, Computer Organization & Architecture, Operating System, Data Mining & Warehousing, Database Management System, Enterprise Resource Planning, Cryptography & Network Security, Computational Mathematics, Discrete Mathematics

RELEVANT PROJECTS

- Created a Java Swing based software ‘Feedback Report Splitter’ using Apache’s Java Excel API & Java Mail API as a result learned to manipulate MS Excel data and access e-mails from a Java application
- Developed an encryption-decryption software ‘Cryptographic Simulator’. The Application simulated digital signature and various encryption algorithms to make file-contents secure, thus, gained hands-on experience in information security
- Created an android app ‘Trainee Management’ for a SINDA (Singapore), which is used by HR department for monitoring and tracking trainee’s progress. Hence, acquired android development skills
- Assisted in development of ‘Anaphora Resolution Tool’, a part of ‘Answer Evaluation Tool’. It is the process of resolving what a pronoun refers to. Thus, as a result, gained some insights on Natural Language Processing
- Developed a TV Recharge application, which is used for resuming TV subscriptions

EXPERIENCE & CERTIFICATION

- Assistant System Engineer – Trainee (Full Time) [Feb’16 - June’16]
Tata Consultancy Services Ltd., Bangalore, India
 - Developed a web portal using Google Fit API for fitness tracking
 - Used Bootstrap as front-end framework for web development
 - Trained to use J2EE frameworks like Struts & Hibernate
- Developer Intern [Oct’15 - Nov’15]
Samgro Technologies Pvt. Ltd., New Delhi, India
 - Work Assigned – Server Side Development using spring frameworks
 - Learned how to make use of various tools collaboratively
- Developer & Administrator [Aug’15 - Oct’15]
Meridian Studies, Raipur, India
 - Developed a ‘Student Management System’ for Meridian Studies
 - Handled administrative duties
- Android 101, ‘Creative, Serious and Playful Science of Android Apps’ on Coursera [In Progress]
By Professor Lawrence Angrave – University of Illinois at Urbana – Champaign

SKILLS

- Technical : C/C++, Java, Python, Ruby, Scala, JavaScript, HTML, CSS, JSP, Servlets, SQL
- Operating System : Windows, Linux (Ubuntu)
- Databases : Oracle 10g, MySQL
- Language : Bilingual (English & Hindi)

PAPER PUBLICATIONS

- Title & Publication Details – “[Internet of Smart Things](#)” (Volume 2, Issue 4, October 2015)
Journal – International Journal of Science, Engineering and Technology (IJSTE)
- Title & Publication Details – “Smart India via Smarter Things” (BITCON 2016)

ACTIVITIES

- International Student Organization – Member, 2016
- AIDS awareness program – Volunteer, 2014
- Bhilai Institute of Technology, Head – Organizing Committee – college fest, 2013