

## EMPLOYMENT

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| <b>Software Engineer</b>   | <b>Tech Mahindra Limited, India</b>    | <b>June 2014 – July 2017</b>   |
| <ul style="list-style-type: none"><li>Developed test scripts for AT&amp;T and T-Mobile as per requirements based on 3GPP standards on VoLTE, LTE, IMS, UMTS, and GSM technologies using Anite SAS Tools and Spirent's CS8.</li><li>Verifying &amp; troubleshooting simulator software issues. Similar support to TechM's NJ Lab, remotely.</li><li>Conducted trainings and workshops to business customers, colleagues and interns.</li><li>Awards – 'Bravo' (twice) &amp; 'Pat on Back' for remarkable contribution to the department</li></ul> |  |                                |
| <b>Software Engineer</b>   | <b>Tech Mahindra Limited, Europe</b>   | <b>June 2016 – August 2016</b> |
| <ul style="list-style-type: none"><li>Log analysis (using QxDM), protocol performance debugging and to provide inputs for better and alternate solutions for the next releases of the software builds of non-commercial/debug builds to Apple Inc. (using Apple Bug Reporter) and Huawei Technologies Co. Ltd.</li><li>Won "Pat on Back" award for successful completion of the project with client appreciation.</li></ul>  |  |                                |
| <b>Software Engineer, Intern</b>   | <b>Rance Computer Pvt. Ltd., India</b> | <b>June 2013 – July 2013</b>   |
| <ul style="list-style-type: none"><li>Summer Internship on HTML and CSS.</li><li>Designed website of Micamac Inc. (<a href="http://micamac.com">http://micamac.com</a>) as final project of the internship program.</li></ul>  |  |                                |

## EDUCATION

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| <b>Chicago, IL</b>  | <b>University of Illinois at Chicago</b>   | <b>Fall 2017 – Spring 2019</b>    |
| <ul style="list-style-type: none"><li>M.S. in Computer Science. GPA – 3.5/4.0 (under progress)</li><li>Graduate Coursework: Database Systems, Object Oriented Languages and Environments.</li></ul>   |  |                                   |
| <b>Jaipur, India</b>  | <b>Global Institute of Technology<br/>(Affiliated to Rajasthan Technical University)</b> | <b>September 2010 – June 2014</b> |
| <ul style="list-style-type: none"><li>B. Tech in Computer Science &amp; Engineering. Aggregate – 70.675% (with honours)</li><li>Undergraduate Coursework: Operating Systems; Principles of Programming Languages; Comp. Architecture; Software Engineering; Theory of Computation, Computer Programming &amp; IT; Logical &amp; Functional Programming; Data Structures; Programming in Java; Mobile Computing; Software Project Management; UNIX Network Programming; Wireless Communication &amp; Networks.</li></ul> |  |                                   |

## ACADEMIC PROJECTS

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- Random Java Program Generator (2017) - A generator program that creates a syntactically correct but semantically meaningless random Java program on every run. The input to the generator program is a configuration file that defines various parameters that constrain the generation of the Java program. *Java 7*
  - SMS based Wireless Security System (2013) - Deployed in college library, provides a 2-layer security in the physical access of the secured areas. Owner (Head Librarian) can grant/reject a person's entry in secured area whenever a request is made from any geographic location in form of SMS. *Embedded C, AT Commands*.
  - E-Mail User Agent (2012) - A desktop application which allows users to access and manage e-mails in the mailbox. *J2EE, MySQL*
  - Contact Management System (2011) - A computer application which provides the facility to store details of employees, vendors and clients associated with an organization. *J2EE & SQL Server Management Studio 2008*

## ADDITIONAL INFORMATION

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- Associated with Human Rights Council of India, an N.G.O. located in Kolkata, India working for welfare of Teenagers and Children.
  - Volunteered & Co-Ordinated events in Annual Technical Symposium & National Level Sports Meet of Global Institute of Technology.
  - Core group member of Pirates of Computers (P.O.C.), the computer engineers club of Global Institute of Technology; organized events under P.O.C.'s banner.

## LANGUAGES AND TECHNOLOGIES

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- C; C++; Java 7; SQL; PL/SQL; Haskell; Prolog; UNIX; Embedded C; HTML; CSS; Git/GitHub;
  - MS SQL Server; MySQL; IntelliJ; Visual Basic; Oracle 8 & 9i; IBM's Rational Rhapsody; Anite SAS Tools; Compron's IT3! Prove; Intel's STT; Qualcomm's QxDM; Oberthur Tech's PCOM32; Spirent's CS8;