
EDUCATION

Chicago, IL	University of Illinois at Chicago	August 2017 – May 2019
<ul style="list-style-type: none">• Master of Science in Computer Science. CGPA – 3.0/4.0 (in progress)• Coursework: Database Systems, Object Oriented Languages & Environments, Computer Algorithms – 1, Data Mining & Text Mining, Database Management Systems, Artificial Intelligence - 1		
Jaipur, India	Global Institute of Technology	September 2010 – June 2014
<ul style="list-style-type: none">• B. Tech in Computer Science & Engineering. Aggregate – 70.675% (with honors)		

TECHNICAL SKILLS

- C; C++; Java 7 & 8; Maven; Gradle; SBT; Scala 2.12.3; Python 2.7 & 3.6; SQL; PL/SQL; Haskell; Prolog; XML; Git; UNIX; RDBMS; HTML5; CSS3; JUnit; JavaAssist; TCP/IP; Web Hosting (cPanel);
- MS SQL Server; MySQL; BlueJ; IntelliJ; PyCharm; Visual Basic; Oracle 8 & 9i; IBM's Rational Rhapsody; Compron's IT3! Prove; Intel's STT; Qualcomm's QxDM; Oberthur Tech's PCOM32; JIRA;

WORK EXPERIENCE

Software Engineer	Tech Mahindra Limited, India	June 2014 – July 2017
<ul style="list-style-type: none">• Developed simulator specific test scripts for AT&T and T-Mobile network operators as per requirements based on 3GPP and IoT standards on VoLTE, LTE, IMS, UMTS, and GSM technologies using Anite SAS Tools and Spirent's CS8.• Verifying & troubleshooting simulator software issues. Similar support to TechM's NJ Lab, remotely.• Conducted training and workshops to business customers, colleagues, and interns.• Awards – 'Bravo' (twice) & 'Pat on Back' for remarkable contribution to the department		
Software Engineer	Tech Mahindra Limited, Europe	June 2016 – August 2016
<ul style="list-style-type: none">• 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.• Won "Pat on Back" award for successful completion of the project with client appreciation.		
Software Engineer, Intern	Rance Computer Pvt. Ltd., India	June 2013 – July 2013
<ul style="list-style-type: none">• Summer Internship on HTML, CSS, JavaScript and PHP.• Designed website of Micamac Inc. (http://micamac.com) as final project of the internship program.		

PROJECTS

- [UC Berkeley's AI based Pac-Man Projects](#) (2018) - An array of AI techniques is applied such as Informed state-space search, probabilistic inference, and reinforcement learning to playing Pac-Man. *Python 2.7*
- [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.*
- [Gmail User Agent](#) (2012) - A desktop application which allows users to access and manage his/her e-mails in the mailbox, like MS Outlook. *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

- 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.