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PRATYUSH BAGARIA

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EDUCATION

Chicago, IL	**University of Illinois at Chicago**	**August 2017 – May 2019**

- 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**

- 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; Git; UNIX; RDBMS; HTML5; CSS3;
- MS SQL Server; MySQL; IntelliJ; PyCharm; Visual Basic; Oracle 8 & 9i; IBM's Rational Raphsody; Comprion's IT3! Prove; Intel's STT; Qualcomm's QxDM; Oberthur Tech's PCOM32;

WORK EXPERIENCE

Software Engineer	**Tech Mahindra Limited, India**	**June 2014 – July 2017**

- Developed test scripts for AT&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.
- Verifying & troubleshooting simulator software issues. Similar support to TechM's NJ Lab, remotely.
- Conducted trainings 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**

- 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**

- Summer Internship on HTML and CSS.
- Designed website of Micamac Inc. (http://micamac.com) as final project of the internship program.

PROJECTS

- 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, similar to 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.