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# PRATYUSH BAGARIA
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## EMPLOYMENT

**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 presentations to business customers, interns and colleagues.
- Won three awards – 'Bravo' (twice) and 'Pat on Back' (once) for remarkable contribution to the department throughout these three years.

**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.

## EDUCATION

**Chicago, IL**          **University of Illinois at Chicago**          **Fall 2017 – Spring 2019**

- M.S. in Computer Science
- Graduate Coursework (Fall Semester): Database Systems, Computer Algorithms -1, Object Oriented Languages and Environments.

**Jaipur, India**          **Global Institute of Technology (Affiliated to Rajasthan Technical University)**          **September 2010 – June 2014**

- B. Tech in Computer Science & Engineering. Aggregate – 70.675% (with honours).
- Undergraduate Coursework: Operating Systems; Principles of Programming Languages; Comp. Architecture; Software Engineering; Theory of Computation, Computer Programming & IT; Logical & Functional Programming; Data Structures; Programming in Java; Mobile Computing; Software Project Management; UNIX Network Programming; Wireless Communication & Networks.

## ACADEMIC PROJECTS

- SMS based Wireless Security System (2013) - Deployed in the college library, provides a 2-layer security in the physical access of the secured areas. Owner (Head Librarian) can grant or 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

- Associated with Human Rights Council of India, an N.G.O. located in Kolkata, India working for welfare of Teenagers and Children.
- Volunteered and Co-Ordinated events in Annual Technical Symposium and 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

- C; C++; Java (J2EE); Embedded C; Haskell; Prolog; UNIX; HTML; CSS; SQL; PL/SQL;
- Microsoft SQL Server; MySQL; IntelliJ; Visual Basic; Oracle 8 & 9i; IBM's Rational Raphsody; Anite SAS Tools; Comprion's IT3! Prove; Intel's STT; Qualcomm's QxDM; Oberthur Tech's PCOM32; Spirent's CS8;