# SHUBHAM SINGH
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## PROFESSIONAL SUMMARY
Highly motivated, adaptable, and enthusiastic professional with experience in managing and implementing complex projects. Strong work ethic, attention to detail, and time management to reach desired outcomes.

## EDUCATION
**University at Buffalo, SUNY**,                                                                                                                Buffalo, NY
B.S., Computer Science; Minor, Math                                                                                        Expected Dec 2018
**Manipal Institute of Technology**,                                                                                                  Manipal, India
B.S., Computer Science                                                                                                             Jun 2014 - Jul 2016
(International Centre for Applied Sciences, 2 years twinning program with SUNY at Buffalo)

## CERTIFICATIONS & TECHNICAL SKILLS
Certifications:          NIT C Language Certified, IBM Big data Hadoop Certified
Programming:          C++, Java, Python, C, HTML, CSS, Java Script
Frame Works:          HDFS, MapReduce
Hadoop Ecosystem:     HIVE, PIG, SQOOP, FLUME, IBM BigInsight
NoSQL Database:       HBase
Workflow Tools:       MS Visio, MS Project, MS Office
Databases:            Oracle, MySQL
Visualization Tools:  Tableau

## RELATED COURSEWORK
Assembly level language, Unified Modelling language (Rational Rose), VHSIC Hardware Description Language, Design Analysis and Algorithm, Language Processor, Software Development using Object Oriented Programming, Formal Language and Automate Theory

## PROFESSIONAL EXPERIENCE
**MITYO –** Buffalo, USA                                                                                                         Sept 2018- Present
*Web Development Intern*
- Designed interactive and dynamic front end website for customer interaction using Mongodb.
- Testing pre-developed web pages and seamlessly integrating with the newly created website
- Created modules that could be used anywhere with easy customization

*Summer Internship, Domain: Big Data Hadoop*                                                                       Jul 2017- Aug 2017
- Processed unorganized real time Medical Data by transposing and formatting it in machine readable format by using MySQL
- Ported data from MySQL to HDFS using Sqoop to further analyze patient and diagnosis data based on symptoms for each disease and providing reports and insights of age-based segmentation for a disease
- Identify, analyze and interpret trends or patterns between variables in Hadoop ecosystem to formulate exploratory analysis
- Scrutinize medicine data and generate report of better medicine for a particular disease and side effects caused during treatment

**Parking App (IBM) -** India Jul 2017- Aug 2017 *Programming language: HTML, Java Script, CSS, Java*

- Designed an Android application for car parking where users can conveniently get the exact location of their parked car
- Request users to provide details of the car along with their personal details which is to be stored and managed on the database
- Process car number plate information provided on car locator application to get the exact location of the car using Google maps

## ACADEMIC PROJECTS
**Railway Automation** Jun 2015 - Jul 2015 *Programming language: C++*

- Developed an application using C++ and SQL to book, cancel, display reservation chart, enquiry and display un-booked tickets.
- Requests users to provide personal details such as name, age, seat preference to give out the results
- Users can inquire about the schedule, fare and seat availability of a particular train in the system

## LEADERSHIP and ACTIVITIES:
- Member of UB's event management
- Badminton Captain in Manipal Institute of Technology