

# Sahil Sood

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## EDUCATION

- **University of North Carolina at Charlotte, NC** Aug'18 – May'20  
*Master of Science in Computer Science*  
Fall 18 Courses – Algorithms and Data Structures, Intelligent Systems, Big Data Analytics for Competitive Advantage  
Spring 19 Courses – Cloud Computing for Data Analysis, Visual Analytics, Computer Communications and Networks
- **Chandigarh Engineering College at Mohali, India** Aug'11 – Jul'15  
*Bachelor of Technology in Computer Science with GPA 3.67*

## TECHNICAL SKILLS

- **Languages:** Java, Python, C++, JavaScript, SQL, HTML5, XML, CSS
- **Technologies:** Hadoop, Pandas, NumPy, Matplotlib, Git, Oracle, MySQL
- **Tools:** Anaconda, Visual Studio, Eclipse, IBM Sterling, SQL Server, Atom, MS Office
- **Operating System:** Windows OS, Mac OS

## PROFESSIONAL EXPERIENCE

**Programmer Analyst at Cognizant Technology Solutions, Kolkata, WB** Jan'16 – Jul'17

### Project for Arcadia Group Ltd. – Arcadia OMS Phase 3

- Designed and implemented an Order capturing framework for Arcadia Group's e-commerce channel that captures and creates an order in the Order Management System. Incorporated application specific attributes and validations using Java Technologies.
- Conceptualized and developed a software tool for daily monitoring of inventory mismatch, order status updates, shipment status updates across platforms by configuring custom agents which picks inventory related data from custom tables and sends updates to third parties accordingly.
- Executed Unit test cases and handled Critical Production issues for all the Arcadia Deployments.
- Automated Scripts for Client Reporting, Application Monitoring and reducing manual Efforts using Python.

## ACADEMIC PROJECTS

- **Analysis of Sorting Algorithms** Aug'18 – Nov'18  
Achieved challenging goal to formulate algorithm with combination of Quicksort and Insertion Sort in Python. Analyzed & executed hybrid algorithm with 15% faster running time than Quicksort.
- **Diagnostic Management System** Aug'17 – Dec'17  
Directed technical team of 5 people, wrote user stories & developed web app using Java, JSP-Servlets and Oracle. Attained seamless UI/UX on different screens through Bootstrap, jQuery UI & implemented unit test cases
- **BugFix - Replica of Stack Overflow** Aug'15 – Dec'15  
Developed a central repository, which act as broadcaster where every user can ask the question(s) from another registered user(s) using J2EE, JSP & Servlets, MySQL
- **Remote Observer - Remote Monitoring System** Jan'15 – Jul'15  
Developed a Java Application that take screen shots of the work, which is being processed by various employees from the various locations of an office and then upload it to the server machine for monitoring.