

# Shubham Agrawal

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## EDUCATION

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<b>International Institute of Information Technology, Hyderabad</b> <i>Master of Technology, CSE</i>	<b>July 2019 - Present</b> <i>CGPA : 9.8</i>
<b>Medicaps Institute of Science and Technology, Indore</b> <i>Bachelor of Engineering, CSE</i>	<b>Aug 2015 - June 2019</b> <i>CGPA : 8.8</i>
<b>St. Mary Champion School, Indore</b> <i>Senior Secondary Certificate</i>	<b>July 2013 - June 2015</b> <i>PCT : 92</i>
<b>St. Mary Champion School, Indore</b> <i>Higher Secondary Certificate</i>	<b>July 2011 - June 2013</b> <i>CGPA : 8.2</i>

## ACADEMIC PROJECTS

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<b>Distributed IOT Platform for Smart Cities</b> ◦ Implemented a distributed platform that provides build, development, and deployment functionalities. The platform will be able to deploy and run applications that can be used to manage a smart city. The platform is robust and fault-tolerant. ◦ Technologies used: Docker, Flash, Python, Kafka	<b>Feb 2020 - May 2020</b>
<b>Hate Speech Detection</b> ◦ Dataset: Twitter comments ◦ Pre-processing: Stemming, Lemmatization and GloVe ◦ Classifiers: SVM and Logistic regression	<b>Mar 2020 - Apr 2020</b>
<b>MNIST Handwritten Digit Classification</b> ◦ Dataset: MNIST dataset ◦ Pre-processing: Centering and Scaling images ◦ Classifiers: SVM, MLP and CNN	<b>Feb 2020 - Mar 2020</b>
<b>Version Control System</b> ◦ Developed a Version Control system in Python. ◦ Functionalities : init, add, status, commit, rollback, retrieve, log, diff, push and pull	<b>Nov 2019 - Dec 2019</b>
<b>Mini torrent</b> ◦ Developed a Peer-to-Peer group based file sharing system in C++. ◦ Functionalities : Chunk based sharing, Centralized tracker, Piece selection algorithm	<b>Sept 2019 - Oct 2019</b>

## KEY SKILLS

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- **Programming Languages:** C, C++, JAVA, Python, Shell Scripting
- **Web Languages:** HTML5, CSS3, JavaScript, XML
- **Development Tools:** NetBeans, Eclipse, Android Studio, Docker, GIT

## ACHIEVEMENTS AND AWARDS

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- Secured **AIR 388** in **GATE 2019** **March 2019**

- Chancellor's scholarship, RGPV, Bhopal
- Shri Dewang Mehta Excellence Award

July 2018  
July 2016