

# Sumit Agrawal

<http://codewithgeeks.in>  
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## EDUCATION

### IIT, INDORE

B.TECH IN COMPUTER SCIENCE  
APR 2014 | Indore  
GPA: 9.0

### BALBHIM COLLEGE

CLASS 12<sup>th</sup>  
MAY 2010 | Beed  
Maharashtra, Board of Higher Secondary  
Education. 85.0%

### NESJ, JAMNER

CLASS 10<sup>th</sup>  
MAY 2008 | Jamner  
New English School, Jamner  
Maharashtra, Board of Secondary  
Education. 90.46.0%

## LINKS

Github:// [Sumit Agrawal](#)  
LinkedIn:// [Sumit Agrawal](#)  
Quora:// [Sumit Agrawal](#)

## SKILLS

### PROGRAMMING

Over 5000 lines:  
•C++ •Java •Python  
Over 1000 lines:  
•C •bash •HTML|CSS  
Familiar:  
•Android •PHP

## MISC

### RESPONSIBILITIES

- Served as an administrator of **Fluxus** and **IITI Placement Portal** at IIT Indore.
- Wrote **academic portal** of IIT Indore.

### COMPETITIONS

- Won CISCO CTF as part of the SecConX 2015 at CISCO
- On Task 10 | Eudryptula Challenge

## EXPERIENCE

### ARCESIUM INDIA | SENIOR MEMBER TECHNICAL

Oct 2015 – Present | Hyderabad, India

- Currently working on a DataRouter application. DataRouter abstracts out the complexities involved in extracting data from the counter-parties via different protocols. In the present form, DataRouter is limited to emails, it is being expanded to support other protocols such as SFTP and BBGMQ.
- I worked on FRAMES framework, internal to Arcesium. FRAMES provides an easier way for applications to expose services via HTTP based APIs. FRAMES does the heavy lifting of generation of client side stubs. At present we support generation of Java, C# and Python clients for the services exposed via FRAMES.
- I was part of the Market Data Feeds team in Arcesium. I worked on fetching the market information such as prices, corporate actions from the third party vendors.

### CISCO SYSTEMS | SOFTWARE ENGINEER

Aug 2014 – Sept 2015 | Bangalore India

- Worked on Exporter component of the Network Visibility Module, part of the Anyconnect Secure Mobility Client. Exporter module was responsible for transmitting collected endpoint information over the network in IPFIX format. I implemented IPFIX protocol.
- Enabled automatic proxy detection while establishing vpn connection from Mac/ Linux based endpoints to the secure servers. This involved implementing Web Proxy Auto Discovery protocol, which allows automatic discovery of proxy servers.

### MICROSOFT IDC | INTERN SDE

Summer 2013 | Bangalore India

- Implemented Acceptance Test Framework for UI automation. The framework was built on Selenium web driver.
- I integrated the framework with the Microsoft Test Manager, for better reporting.

## ACADEMIC PROJECTS

### B. TECH PROJECT | EXPRESSION INVARIANT FACE RECOGNITION

IIT Indore | July 2013 - Mar 2014

- Implemented a solution based on the Local Binary Patterns. The features extracted via LBP were used to train the classifier based on SVM. We relied upon the Cohn-Kanade's facial expression dataset to train the classifier.

## AWARDS

2010	IIT-JEE	General Rank 3246   Top 0.65%
2010	AIEEE	General Rank 4818   Top 0.45%
2008	NTSE	Third Level
2006	Silver Medalist	Dr. Homi Bhabha Jr. Scientist Competition