




# SAGHER MEHMOOD

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## SKILLS

### Languages

JAVA, JavaScript, Python,  
HTML/XHTML, SQL, C++, Scala

### Frameworks/Libraries

Spring Boot, Hibernate, Enterprise  
Java Beans (EJB), Java Persistence  
API (JPA), Node.js, Jnetpcap,  
Apache httpClient

### Web

Java Server Faces (JSF), AJAX,  
Bootstrap, CSS, JQuery, Prime  
faces, Thymeleaf, D3.js

### Databases

MySQL, SQL Server, PostgreSQL,  
MongoDB

### Tools

MyEclipse Enterprise, Git, Apache  
Maven, Spring Tool Suite (STS),  
Mongo Shell, Navicat, MySQL  
Workbench

### Servers

JBoss 7.0 / WildFly 10.0, Apache  
Tomcat 7.0, 8.0, LAMP.

### Operating Systems

Linux (Ubuntu), Windows

### Familiar With

Machine Learning, Tensor Flow,  
Apache Hadoop, Scikit Learn,  
Numpy, pip, npm, IDS/IPS,  
IP Tables

## WORK EXPERIENCE

### HiveWorx Pvt. Limited

#### Software Engineer

Jan 2017 – Present

- Built a Physical model export wizard for exporting physical models to MySQL, SQL Server, PostgreSQL and Oracle databases.
- Integrated the export component in the Extended Information Governance Toolkit (XIGT).
- Technology stack I worked on includes Java, Enterprise Java Beans, Hibernate, JPA, JSF, Facelets, Prime faces, SOAP based web services.
- Currently working on importing the databases objects to the predefined tables of the XIGT tool.
- *Github Repositories:*  
*Export: [github.com/Sagher/DBMS\\_Component\\_Export](https://github.com/Sagher/DBMS_Component_Export)*  
*Import: [github.com/Sagher/DBMS\\_Component\\_Import](https://github.com/Sagher/DBMS_Component_Import)*

### Applied Security Engineering Research Group

#### Software Engineer

Feb 2016 – Nov 2016

- Used Trillium Information Security Systems (TISS) Honey Pot feeds to develop a Java based monitoring and blocking system using Jnetpcap library.
- Built the dashboard in Spring MVC using Spring Data MongoDB, JQuery, D3.js
- Worked under the supervision of Dr. Masoom Alam and Mr. Ali Hur and ASERG Lab COMSATS Islamabad.
- Technology stack I worked on includes Java, Apache HttpClient, MongoDB, Spring MVC, JQuery, D3.js
- *Github Repositories:*  
*Back End: [github.com/Sagher/Shadow-NET](https://github.com/Sagher/Shadow-NET)*  
*Dashboard: [github.com/Sagher/shadownet-spring-boot](https://github.com/Sagher/shadownet-spring-boot)*

## Education

### COMSATS Institute of Information Technology Islamabad.

BS in Computer Science 2012-2016  
2.77 CGPA

### APSACS Westridge-III, Rawalpindi.

F.Sc(Pre-Engineering) FBISE 2010-2012