KAVYA GUPTA

469-601-7553 | gupta.kavya@gmail.com | www.linkedin.com/in/kavyagupta22

7740 McCallum Blvd, #229, Dallas, Texas-75252

Ardently inquisitive graduate student seeking Summer Internship 2017

EDUCATION

The University of Texas at Dallas   **Expected Graduation: May 2018**

Master of Science, Computer Science, Intelligent Systems

Key coursework: Data Structures and Algorithms | Machine Learning | Database Design

Guru Gobind Singh Indraprastha University   **August 2012-June 2016**

Bachelor of Technology, Computer Science and Engineering   GPA: 3.7/4

TECHNICAL PROFICIENCIES

Programming Languages	: C, C++, JAVA, R programming, Python
Web Programming	: HTML5, HTML, CSS, JavaScript, JQuery
Modelling Language	: UML
Database	: MySQL, SQL, PostgreSQL
Tools	: NetBeans, Eclipse, RStudio
Applications	: MS Word, MS Excel, Power Point, Outlook, Star Office
Operating System	: Linux, Windows (98/2000/XP/2003/7/8/10)

WORK EXPERIENCE

Defence Research and Development Organisation   Intern   May 2015-July 2015

Delhi, India

View Logged Based Utilities
- GUI based Database Management System for message communication within the internal organisation.
- Developed the message transmission template for the organisation's desktop application.
- Worked to improve the implementation issues.

Message Configuration
- Developed JAVA based desktop application for an organisation.
- Carried the work of encrypting the message and then transmitting the message from sender's end and then decrypting the message at the receiver's end.

ACADEMIC PROJECTS

Rover   **February 2016-March 2016**
- Raspberry Pi2 powered, wirelessly operated tiny vehicle, featuring a webcam streaming live video feed over the internet. Based on IoT.
- Developed the face recognition module for the application.
- Worked to resolve the runtime efficiency of the rover.

Virtual Mouse using hand based gestures   **October 2015-November 2015**
- Control the mouse pointer of their computer/laptop by using gestures of their hand in front of the attached/integrated webcam.
- Developed the hand recognition module using hulls in the hand.

Online Bug Fixing   **July 2014-September 2014**
- Communication portal between the client and the admin
- Reporting of the bug in the software and the hardware on the client side to the admin to resolve the issues.
- Developed the web application using HTML5 and JQuery and JavaScript.

WORK AUTHORIZATION: F1 VISA