

Huma Farheen

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Year	Institution	Degree	CPI/Percentage
2012-16	IIT Patna	B.Tech.	7.75/10 **
2011	Juhari Devi Girls Inter College	Up Board	86.4%
2009	Juhari Devi Girls Inter College	Up Board	74.83%

Summer Internships and Opportunities

- ❖ 3rd year internship 2015 in **CDAC Bangalore**. Designed Online Election Voting System under guidance of Mr. Vaibhav Pratap Singh and Mr. P. Hari Babu.
- ❖ 2nd year Internship 2014 in **IIT Patna**. Designed Android app to calculate approximate acceleration by using gravity sensors at fixed intervals of time under guidance of Dr. Rajiv Mishra.
- ❖ B.Tech project 2015 on **Next Generation Wireless Technology (NGWT) & LTE** under guidance of Dr. Rajiv Misra.

Publications and Reports

- ❖ Wrote an Article on “**An algorithm for Chinese Remainder Theorem**” as part of Mini-Project under guidance of Dr. Rajiv Misra.
- ❖ ‘**MapReduce: Simplified Data Processing on Large Clusters**’ as Seminar report. <http://goo.gl/XSF73l>

Android and Java based projects

[2014]

- ❖ Designing an Android app to calculate “**ApproAcc**” approximate acceleration by using gravity sensors at fixed intervals of time.
- ❖ Explicated GUI part of **Android Multiplayer Tic-Tac Toe** game played using **Bluetooth technology**.

Custom Shell in System Programming

[2013]

- ❖ Designed a Shell Program to send and receive mails using UNIX.

Academic Projects

Government Complaint Management System

[2014]

- ❖ Online complaint **website that handles queries of people** and has facility of updating the status of problems. It is developed using HTML, PHP & JavaScript. This can be used by government for management of complaints in rural & urban localities.

Income Tax Calculator Software

[2014]

- ❖ Designed an Income Tax Calculator Java Program using Swing and AWT packages in Java that outputs Income Tax of an Employee

Mongo DB and Python

[2014]

- ❖ Designed user friendly **StudentDatabaseManagement** using PyMongo. <https://github.com/HumaUtk/PyMongo>

4-Bit CPU (RISC based architecture)

[2014]

- ❖ Designed and implemented a micro programmed 4- Bit CPU with 16 instruction set on a breadboard.

Positions of Responsibility and Other Activities

- ❖ Won many singing competitions at School level and in IIT.
- ❖ Worked as a Maintenance Secretary of Girls Hostel, IIT Patna for 1 year.
- ❖ Participated in a robotics workshop ‘**Robomerz**’ conducted in IIT Patna.

Software Skills and Languages Known

Ubuntu	Java 7	Android	J2EE(Advanced java)	Eclipse	HTML	PHP	Data Structures
Windows	C	Python	Algorithms	NetBeans	CSS	JavaScript	XML

** Expected Graduation in 2016.

*Not very used to.