AGNI BESH CHAUHAN

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Objective	To obtain a dynamic and challenging Internship position in the field of Computer Science & Engineering.

Education	**Indian Institute of Technology,** Patna, India	Expected
	Bachelor of Technology in Computer Sc. & Engineering	Apr 2017
	Loyola High School, Patna, India	
	XIIth from CBSE in stream PCM and Informatics Practices	
	DAV Public School, Jamui, India	
	Xth from CBSE	

Skills	Languages	: C, C++, Java, UNIX Shell Script , Assembly language (x86)
	Modeling Languages	: UML
	Operating Systems	: Linux, Mac, Windows , Android
	Database Tools	: MySQL, Oracle, SQLite
	Applications	: Adobe Photoshop, Adobe Illustrator, AutoCAD, MATLAB, Office, etc.
	Web	: HTML5, PHP, CSS, JavaScript
	Game Development	: Unity Game Engine

Projects

Campus Lite
Guide: Dr. Samrat Mondal
Developed an Android based application for college webmail, news feed, study material sharing and student-faculty communication system. It was designed in Android Studio with Java, XML, SQLite and used volley for network connectivity.

Computer Network Administration
Guide: Dr. Ashok Singh sairam
Implemented protocol simulations in C using UNIX socket programming and tested on various network topologies.

4-bit CPU
Guide: Dr. Somnath Tripathi
Designed and implemented the Control Unit and Datapath Unit for a 4 bit CPU that could perform all basic Arithmetic, Logical and Branching instructions. It included around 40 different Digital IC's placed and connected on 8 breadboards.

Jagrook Bharat
An Android application using Aadhar API(Aadhar is a unique identification of citizen of India), a secure platform for public voting and surveying on the topic of National Importance . Striking feature of app is Aadhar authentication allowing users to connect and share ideas to maintain genunity of agenda.

Library Management System
Supervisor: Mr. Vijoy Poddar
It included a GUI software package for library management system with record of all books, addition of new books, issuing, deposit and issue renewal as basic features along with various support features. It was built on Netbeans environment with java as frontend and MySQL as backend.

| **Areas of Interest** | Algorithms, Mobile Computing, Artificial Intelligence, Android, UI/UX trends |

Positions of Responsibility

- **Anwesha** – Techno Cultural extravaganza of IIT Patna
  - Member of Media & Public Relations committee.
  - Member of Hospitality Team.
- Volunteered **Nebula'15 –** Fresher Function of IIT Patna.
- Volunteered **Convocation Ceremony '15** of IIT Patna.
- Active member of National Service Scheme(NSS).

Extra-Curricular

- Graphic Designing, designed various posters and logos for college events and others.
- Won 2nd prize for Vedic Debate in State level camp organized by DAV CMC.
- Participated in various state and district level sports competition.