

ASHUTOSH TRIPATHI

A734, Boys Hostel, IIT Patna, Bihta, Patna-801103

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Objective

To obtain a dynamic and challenging environment in the field of Computer Science.

Education

Indian Institute of Technology, Patna, India(CPI 7.05)

Expected Apr2017

Bachelor of Technology in Computer Sc. & Engineering

Shivjyoti Convent School, Kota, India

XIIthfrom CBSE in stream PCM

Bethany Convent School, Allahabad, India

Xthfrom CBSE

Computer Skills

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|--------------------|---------------------------------------------------------------------|
| Languages | : C, C++,C# Java, Python |
| Modeling Languages | : UML |
| Operating Systems | : Linux, Mac, Windows ,Pintos. |
| Database Tools | : MySQL, Oracle, SQLite |
| Applications | : Adobe Photoshop, Adobe Illustrator, AutoCAD, MATLAB, Office, etc. |
| Web | : HTML5, PHP, CSS, JavaScript,Jquery,ajax, Django |
| Mobile Development | : Unity Game Engine, Android |
| Networking | : Courses for CCNA(R&S), CCNP, CCNA Security |

Projects

Campus Lite(supervisor: Dr Samrat Mandal)

Developed an Android application as a part of college project featuring college webmail, college news portal, Students discussion forum including teacher-student interaction , student information, books download facility and much more

Jagrook Bharat

An Android application using Aadhar API, 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 through Aadhar No. to maintain the genuinity of the agenda.

Captcha(supervisor: Dr Ashoka Singh Sairam)

Differentiate an authenticated user from a bot by analyzing the behavior pattern. This prevents the frequent need of captcha to validate the authenticated user(Under Development)

Networking Project(supervisor: Dr Ashoka Singh Sairam)

Trace routing a server to analyse the available bandwidth at each hop router(Under Development)

Areas of Interest

- Algorithms & mathematical computation.
- Network Security and Ethical hacking.
- Artificial Intelligence, Android Development, Web Designing
- Physical Cosmology, general theory of relativity, string theory.
- Football

Extra-Curricular

- Graphic Designing, designed various posters and logos for college events and others.
- Participated at ISM Dhanbad technical festival in the events related to Robotics.
- Volunteered Anwesha, techno-cultural extravaganza in Media & PR.
- Participated in various athletics event at district and state level.

Position of Responsibility

- Member of Sponsorship and Media PR committee of Anwesha 14, techno cultural festival of IIT Patna.
- House Captain in high school (Bethany Convent School).
- Active member of NSS.

Training and Work Experience

- CCNA(Routing and Switching)
- CCNA(Security)
- CCNP

Course Undertaken

- Algorithms, Object Oriented Programming and Data Structures, Digital Design, Software Engineering, Formal Language and Automata, Databases, Programming Language, Data Communication