

Atul Sinha

Shankar Path, Pandit jee road, Hazaribagh, Jharkhand 825301

☎ (+91) 8789159624 | ✉ atulsinha087@gmail.com | 📱 atulsinha007

Education

Indian Institute Of Information Technology

B.TECH IN INFORMATION TECHNOLOGY

- CGPA - 8.20

Allahabad, India

Aug. 2015 - PRESENT

Senior Secondary Examination - Class XII

VIVEKANANDA CENTRAL SCHOOL (CBSE)

- Percentage: 96.4%

Hazaribagh, India

2014 - 2015

Higher Secondary Examination - Class X

VIVEKANANDA CENTRAL SCHOOL (CBSE)

- CGPA - 10

Hazaribagh, India

2012 - 2013

Projects

Evolutionary Domain Adaptation

A MACHINE LEARNING MODEL THAT CLASSIFIES IMAGES OF SAME OBJECTS IN TWO DOMAINS

- A practical extension to Neuro-evolution in which a complex task of Domain Adaptation is addressed.
- Its task is Object Recognition when images are in two different domains. The model was trained in source domain (like pictures during daytime) and tested on, more difficult, target domain (like pictures of same object during night.)
- The model was multi-objective neuro-evolution with error heuristics and algorithm being our own.

Jan 2018 - May 2018

Multi-Objective Neuro-evolution

A PROJECT IN EVOLUTIONARY TRANSFER LEARNING

- Classification model is implemented which uses Genetic Algorithm (mainly) to develop an optimum deep network.
- A network can be developed not just in weights but also in whole topology comprising hidden units and connections, allowing arbitrarily complex networks to take shape. This allows early convergence.
- It is based on a famous research named NEAT. and uses a powerful genetic Algorithm NSGA-II and Back-Propagation is applied occasionally to boost the convergence.

Jul 2017 - Dec 2017

Library Management Software

LIBRARIAN CAN USE THIS SOFTWARE TO ISSUE BOOKS TO STUDENTS.

- Build using Java from scratch using Swing/AWT libraries.
- Used MySQL to connect the software to the database.
- Software can be used to issue books, check available books, check fine on student, receive book from student.

Aug 2016 - Nov 2016

Co-Curriculars & Accomplishments

2018	1st Position , Counter-Strike 1.6 gaming event	IIIT Allahabad
2017	2nd Position , LAN party organized by Geekhaven	IIIT Allahabad
2015	2nd Position , Tri Hacker cup organized by Geekhaven	IIIT Allahabad
2015	1st Position , School topper in class 12.	Hazaribagh
2015	Top 1% in India , Letter of Appreciation from HRD minister for position in top 1% in country for class 12 board examination.	Hazaribagh
2005	1st Position in state , National Science Olympiad	Ranchi

Committees

2018	Organizer & Co-director of Frag-Fest , 1st Gaming Festival	IIIT Allahabad
2017	Head of Creatives , Aparoksha, Technical Festival	IIIT Allahabad