

# YASH MITTRA

Portfolio Link: <https://mittrayash.github.io/>

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## INFORMATION TECHNOLOGY INTERN

Highly motivated **computer science** student seeking internship opportunities in **machine learning and data science**. Yearns to gain valuable industrial and research experience, and is willing to learn and contribute to an organization's objectives.

## EDUCATION

**Maharaja Agrasen Institute of Technology** • Rohini, New Delhi (Expected Graduation: June 2019)

Bachelor of Technology (B. Tech) in Information Technology • Cumulative GPA: 4.0/4.0

**HCL CDC** • Core Java Course and Project Work • Munirka, New Delhi (Summer 2016)

**Laxman Public School** • Hauz Khas, New Delhi (Graduation: April 2014)

## RELEVANT COLLEGE COURSE WORK

Programming • Data Structures • Object Oriented Programming • Time Complexity • DBMS

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## LEADERSHIP ACTIVITIES AND INTERESTS

Team Leader • **e-Yantra Robotics Competition** • New Delhi (Spring 2016)

Member • **Umeed – A Drop of Hope (NGO)** • Laxmi Nagar Campaign, New Delhi (Summer 2015 – Summer 2016)

Active Participant • **United Nations – Green Revolution Program by ICCE** • New Delhi (Summer 2015 – 2016)

## ACHIEVEMENTS

Dean's List • College Rank 1 (Current Cumulative Rank) • **Maharaja Agrasen Institute of Technology** • (2017)

Silver Medalist • Run for Equality (Umeed NGO) • New Delhi (Summer 2016)

Programmed a Stand-Alone Application • Princeton Hospital Management System • Written in Java (using NetBeans and MySQL) • (Summer 2015)

Silver Medalist • Soccer Tournament • **Laxman Public School** • Hauz Khas, New Delhi (Summer 2013)

## SKILLS

C • C++ • Java (Core) • Python • MySQL • NetBeans (IDE)

• HTML5 • CSS3 • JavaScript • Bootstrap 3

• PHP • jQuery • AJAX • JSON • Firebase BaaS

• Machine Learning • Data Science • Numpy • Pandas • Hypothesis Testing • Matplotlib

MS Word • MS PowerPoint • MS Excel

• Bilingual: fluent in English and Hindi • Interpersonal & Communication skills • Pure Mathematics Expertise

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## WORK EXPERIENCE

### **High Performance Computing Sphere Private Limited • New Delhi (6<sup>th</sup> June 2017 – 30<sup>th</sup> July 2017)**

HPC Sphere was established to cater to the huge gap found in the services side of high processing data from the domains of computational finance, weather modeling, and image processing, web development and Cloud Computing.

#### Developer

- Measured and inferred healthy and pertinent relationships among data.
- Developed smart and greedy algorithms as per the application's requirements.
- Optimized Under Development Text-Recognition Software using Dynamic Programming.
- Co-ordinated with a group of Interns and senior web developers working in parallel on the project.

### **Acefinity Infotech Private Limited • New Delhi (August 2017)**

Acefinity Infotech Private Limited is an IT company which designs and develops websites, apps, CRM, software with the vision of working with machine learning, artificial intelligence. The company has directors from IIT Delhi, IIT Mumbai, IIT Indore and has a team from excellent technical and management background.

#### Web Designer

- Designed Web Applications incorporating various frameworks and libraries.
- Learned the fundamentals of Machine Learning and realized my inclination towards this field.
- Produced quality web-pages with mobile-responsive capability.

### **ZLIFE EDUCATION • New Delhi (2015)**

Conducts Science exhibitions with extraordinarily fun-loaded Science activities for children and adults.

#### Science Communicator and Activity Expert

- Communicated with and handled more than 1000 customers.
- Conducted and assisted customers with Science Experiments.
- Worked Cohesively in a team and supported team members in their respective roles.