

# Kopal Gupta

<http://kopal.co> | <https://kopalgupta.github.io/>

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GitHub: kopalgupta

## EDUCATION

### Indira Gandhi Delhi Technical University for Women

Bachelor of Technology (B.Tech.) in Information Technology

Expected Graduation: June 2019

Delhi, India

Aug 2015 - present

### Amity International School

High School, Central Board of Secondary Education (CBSE)

Aggregate in grade 12: 95.2%

CGPA in grade 10: 10.0

Mayur Vihar, Delhi

May 2015

## SKILLS

- **Languages:** C/C++, Java, Ruby, HTML/CSS, JavaScript, Python, MySQL, SQLite, Node.js, PHP
- **Frameworks:** Rails, Sinatra, jQuery, Express.js, socket.io, Spring Boot
- **Database Management Systems:** MySQL, SQLite, MongoDB, PostgreSQL
- **UNIX/LINUX; Version Control:** Git/GitHub, Perforce

## RELEVANT EXPERIENCE

### Expedia Group

Associate Software Developer Intern | 2 months

- Part of Expedia Worldwide Engineering (EWE) Loyalty Engineering team
- Working on the ExpWeb and optimisation issues; framework - Spring Boot

Gurgaon

June 2018 - Present

### PSOSN Summer School

Attendee | Privacy and Security of Online Social Networks

- Worked on extraction and analysis of data from OSN using python ML and scientific libraries.
- Network Analysis and Visualisation using Gephi, NetworkX, igraph and other tools.

IIIT, Hyderabad

July 2017

## SELECTED ACHIEVEMENTS

- Won the Third award at **Smart India Hackathon 2018** Grand Finale under DIPP, Ministry of Commerce. Developed an application for Aggregation of govt loan schemes on one platform.
- Won the **GeeksforGeeks** award at **HackBMU 2018** (Artificial Intelligence track).
- Won the Third award at **LinkedIn Wintathon 2017** Grand Finale (Machine Learning track). Ranked among top 50 women coders in qualification test. Developed a LinkedIn Extension for students.
- Won the **Oracle Grace Hopper Competition 2017**. Got the opportunity to attend **Grace Hopper Conference India 2017**.
- Felicitated at **Arizona State University Sustainability Solutions Festival 2015** for independent research work in Analytical Chemistry.
- Felicitated at **Rashtriya Avishkar Abhiyan** (National Innovation Scheme) Launch Ceremony 2015 for research work by Department of Science and Technology.
- Won the **Rob and Melani Walton Sustainability Solutions Award** and Scholarship at Intel International Science and Engineering Fair 2014.
- Won the **Intel ISEF 4th Grand Award** and scholarship in Chemistry at Intel International Science and Engineering Fair 2014.
- Received the 1st Grand Award and Gold Medal at **Intel IRIS National Fair 2013**.

## TECHNICAL SOCIETIES & ACTIVITIES

- **The Association for Computing Machinery**
  - Treasurer of ACM IGDTUW Student Chapter since October 2017. Core Member since Oct'16.
  - Instructor for sessions on Open Source and Web Development conducted by Chapter.
- **Society for Science and Public (SSP)** - Member of SSP Intel ISEF Community since 2014.
- **Entrepreneurship and Development Cell (EDC)** - Member of EDC IGDTUW for AY 16-17.
- **TEDx** - Member of the Organising Team of TEDx IGDTUW 2017.
- **Taarangana** - Head-Coordinator at Cultural Fest of IGDTUW 2017.

## RESEARCH

**Kit for detection and removal of pesticides from the surface of fruits and vegetables** (Independent Research May 2013 - February 2015)

- Testing Mechanism for detecting commonly used pesticides in fruits and vegetables using chemically prepared test strips.
- Studying the efficacy of Activated Carbon for removal of pesticides from the surface of fruits and vegetables

Applied for a patent (Application number: 75/DEL/2015) at Intellectual Property Office, Delhi.