

Milind Luthra

CONTACT

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EDUCATION

IIT KANPUR

BTECH

Computer Science and Engineering
 2015-19 (expected)
 CPI: 10.0/10.0

MAHARASHTRA BOARD

CLASS XII

2015 | Pune
 Overall 87%

CBSE

CLASS X

2013 | Pune
 CGPA: 10.0/10.0

ACHIEVEMENTS

JEE ADVANCED

2015 | AIR 943

JEE MAIN

2015 | 216/360 Marks

KVPY FELLOWSHIP

2014 - 15 | Qualified

COURSEWORK

Introduction to Computing (A*)
 Logic for Computer Science (A)
 Abstract Algebra (A)
 Discrete Maths (A)
 Probability and Statistics (o)
 Data Structures and Algorithms (o)
 Computer Organization (o)
 (A*: Outstanding Performance) (o: Ongoing)

PROJECTS

AUTONOMOUS CHESS PLAYING ROBOT+ | IMAGE PROCESSING

December 2015 | Robotics Club, IITK

- Worked on chess piece location and movement detection using **OpenCV(C++)** and a webcam.
- **Repository:** [github.com/milindl/acpr](#)

WEBSOCKETS BASED MAFIA | WEB TECHNOLOGIES + PYTHON

Summer 2016

- Aimed to solve various problems associated with the game MAFIA
- Wrote a **Python** backend, including an implementation of the **WebSocket Protocol** from scratch
- Wrote a web-client using **JavaScript, HTML, CSS**
- Extended the game to an **Android Application** along with two others as a part of Google DevFest, 2016, IIT Kanpur.
- **Repositories:**
 - Websocket Implementation - [milindl/learning-websockets](#),
 - Backend & Client - [milindl/mafia-reloaded](#),
 - Android: [11000011/Mafia-Android](#)

MICROSOFT CODE.FUN.DO | WINDOWS UNIVERSAL APP

September 2015 | IIT Kanpur

- Made an app to connect tutors and underprivileged learners
- Was selected as one of the **Best Five Ideas**

SKILLS

LANGUAGES

JavaScript Java
 Python Shell

FRAMEWORKS

Angular2 NodeJS+ExpressJS
 OpenCV MongoDB

UTILITIES

Git Emacs
 Linux(Arch) HTML/CSS

EXPOSURE

C/C++ \LaTeX
 OpenCV MongoDB

EXTRACURRICULAR ACTIVITIES

- **Takneek 2016:** Led the Hall to victory in the interhostel technical competition Takneek as the Hall Captain
- **Programming Club:** Took several lectures as a secretary of the programming club, IIT Kanpur
- **Debate and Discussion Society**
- **Freshers' Science Quiz:** Winner